

1/45

FIG.1

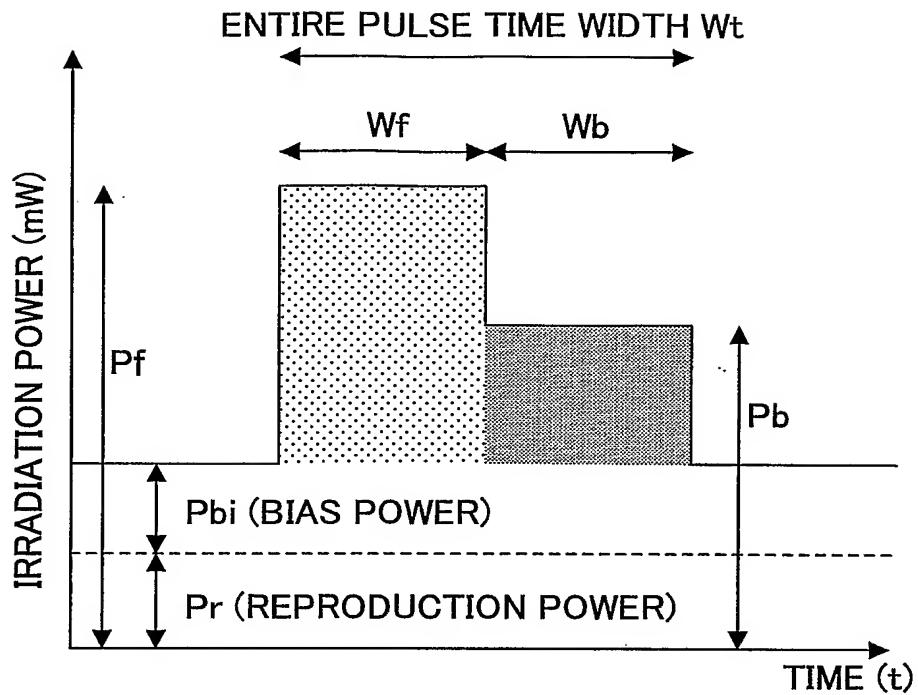
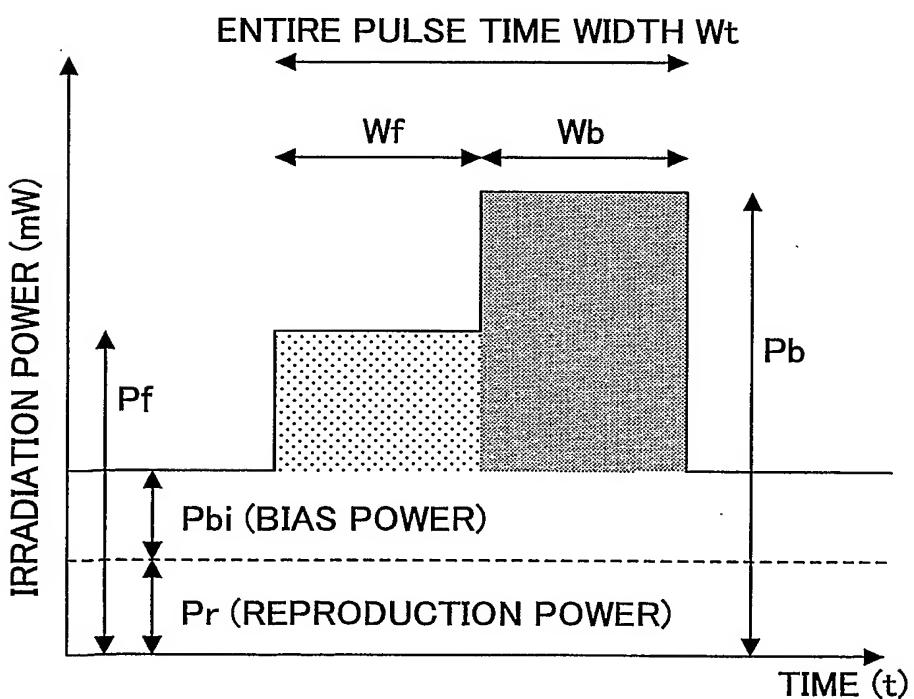


FIG.2



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FIG.3

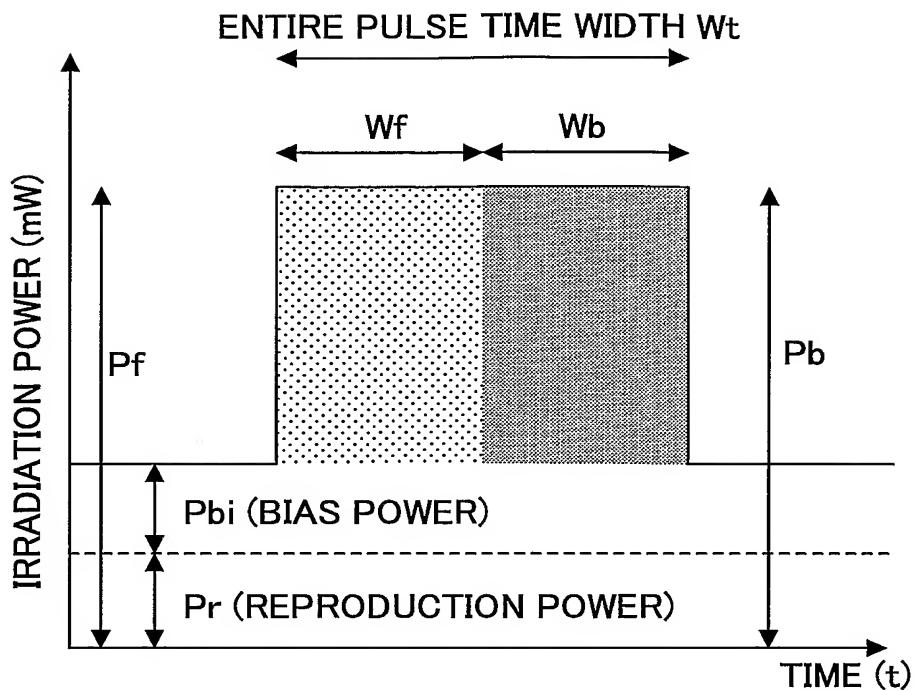
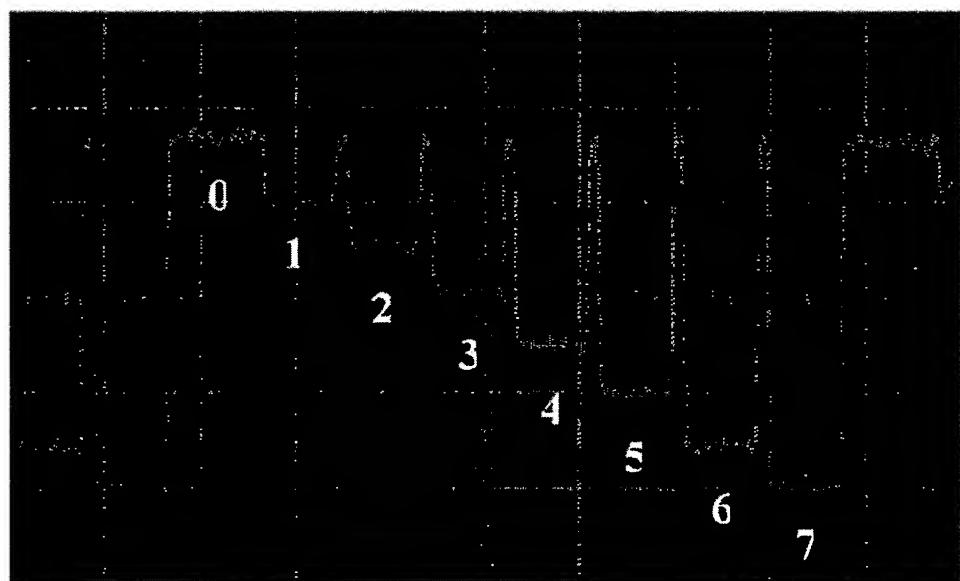


FIG.4



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FIG.5

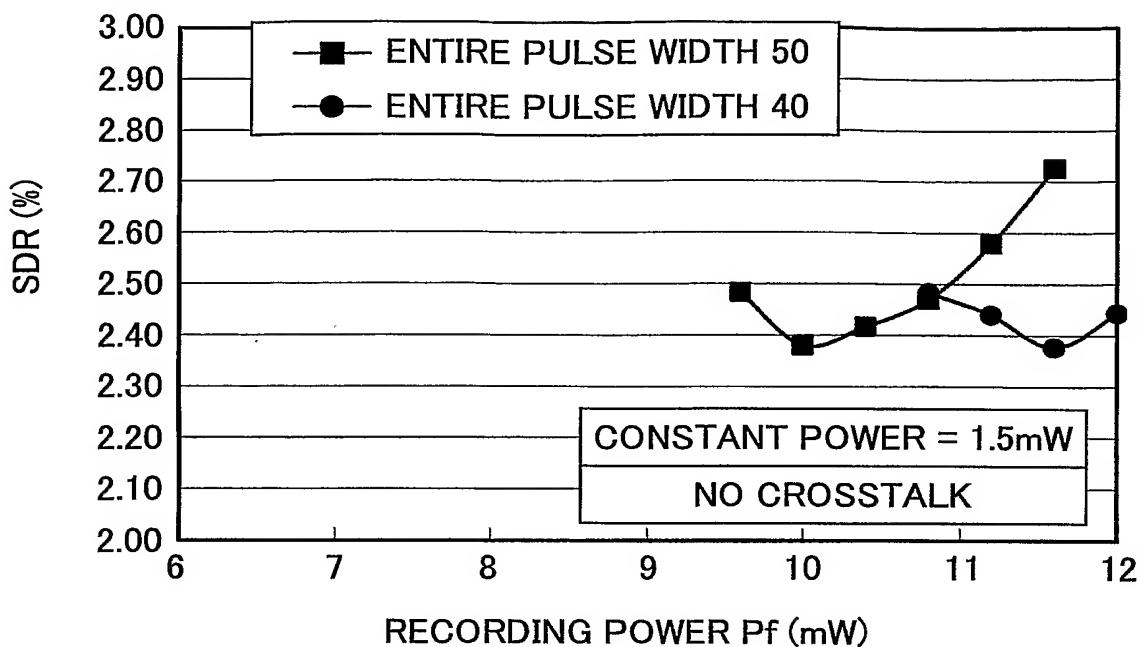
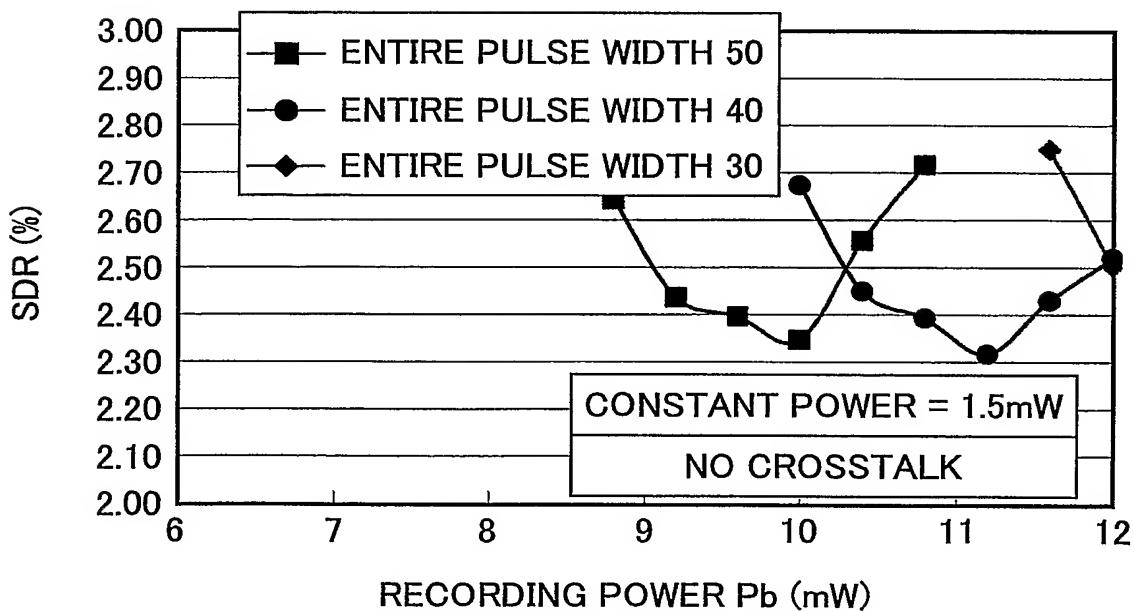


FIG.6



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FIG.7

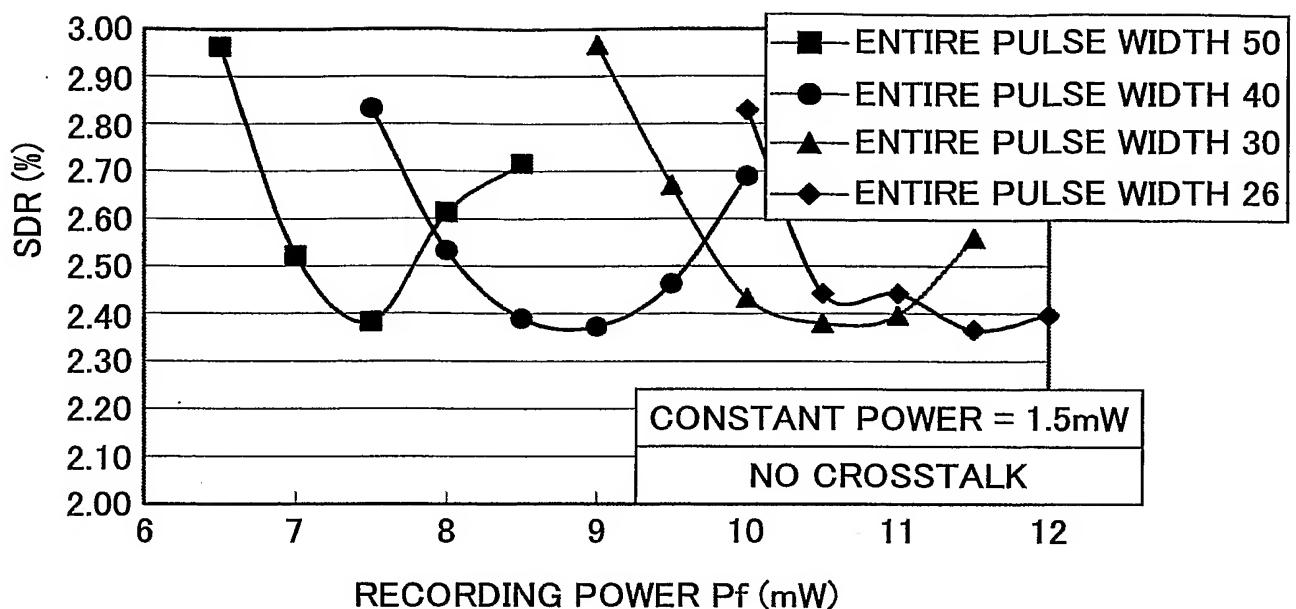
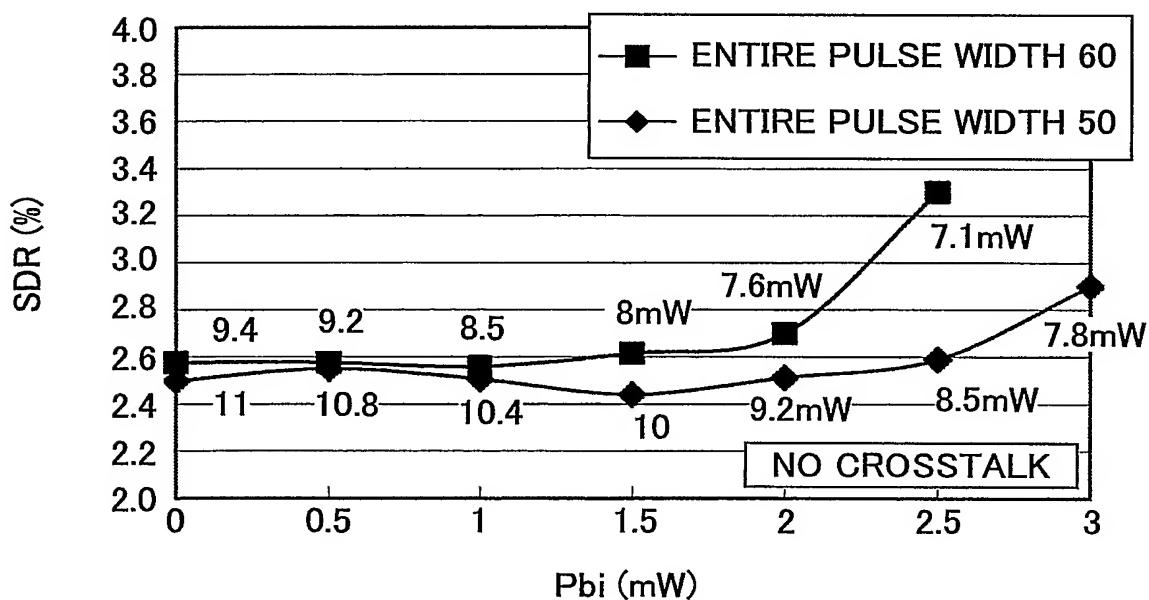


FIG.8



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FIG.9

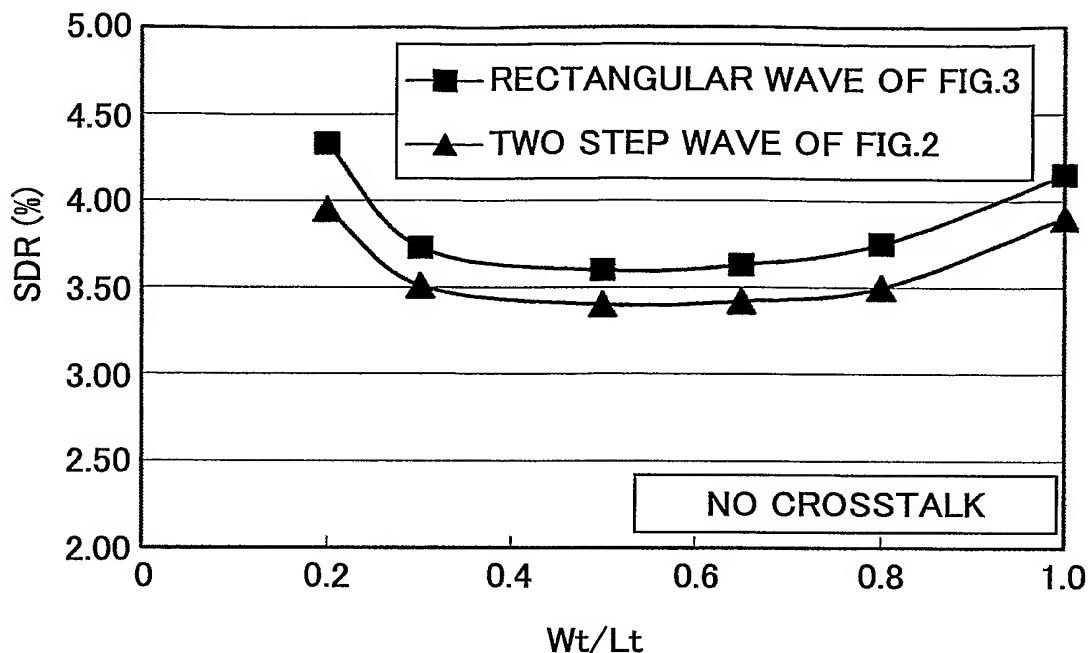
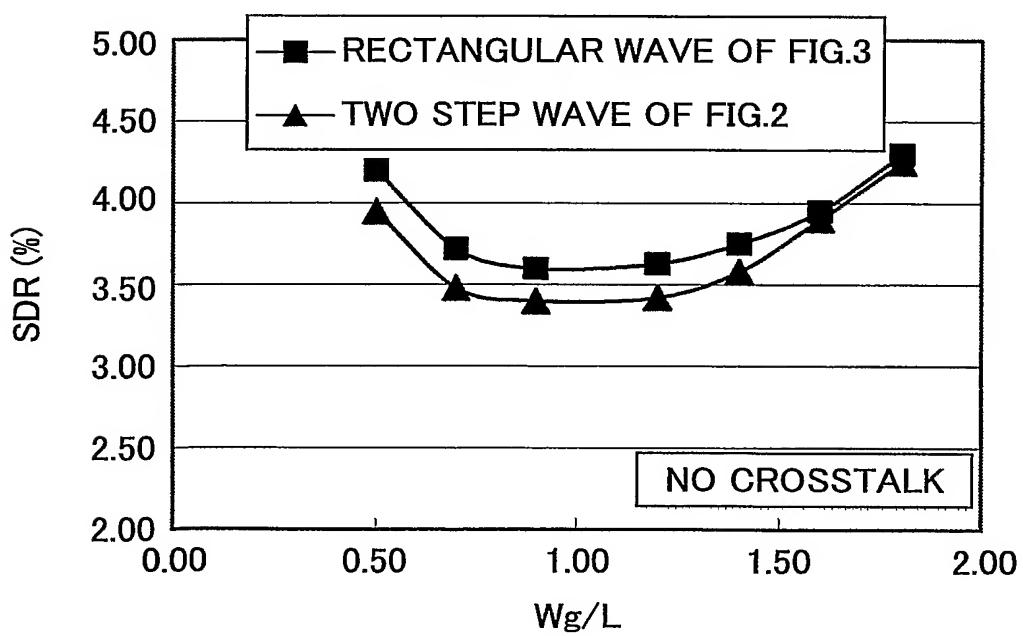


FIG.10



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FIG.11

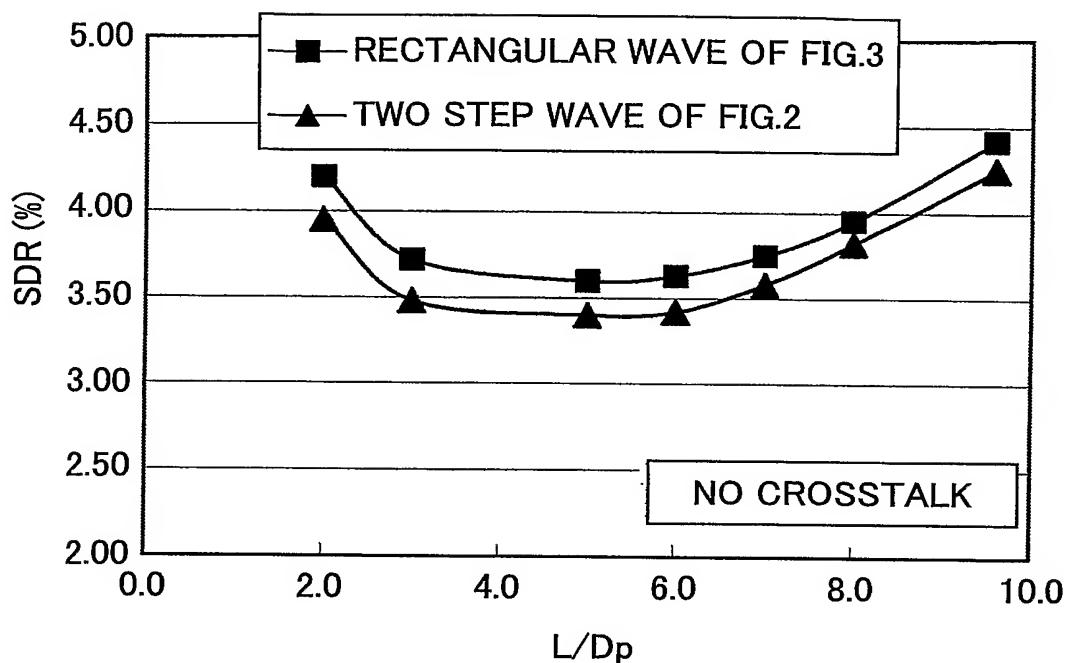
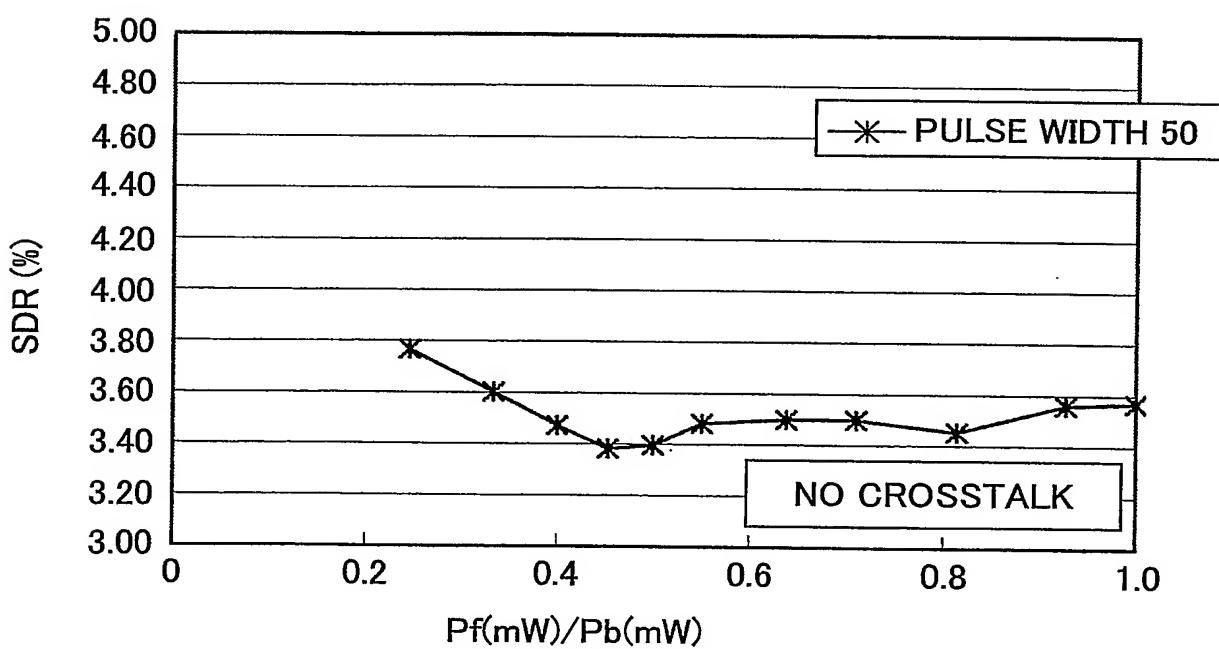


FIG.12



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FIG.13

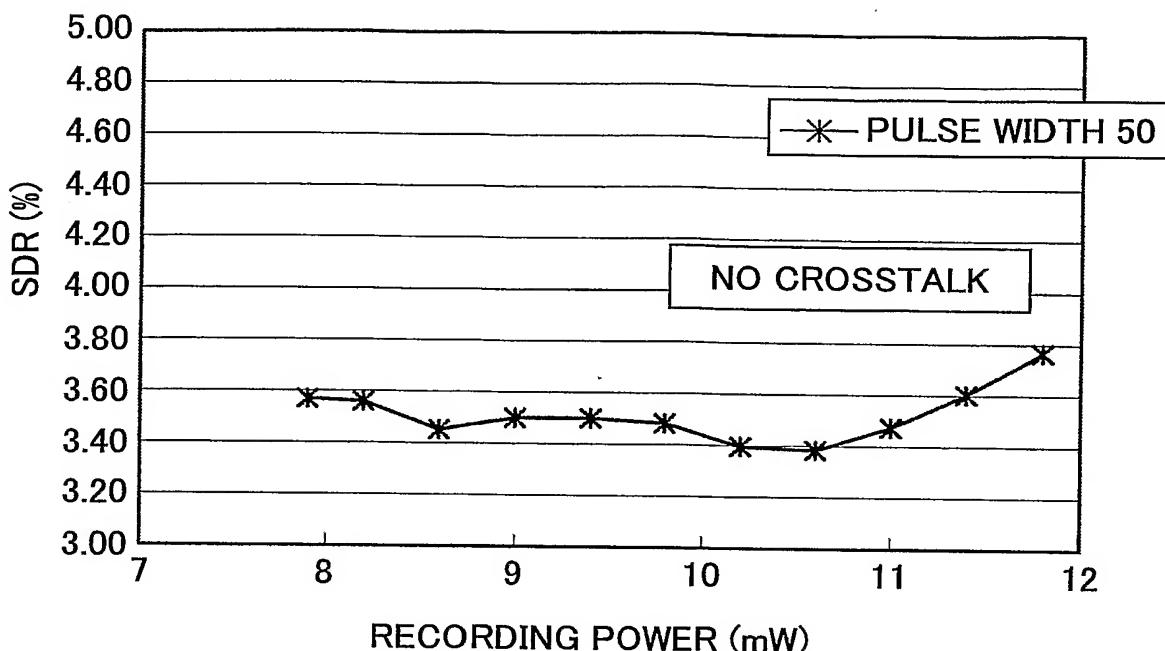
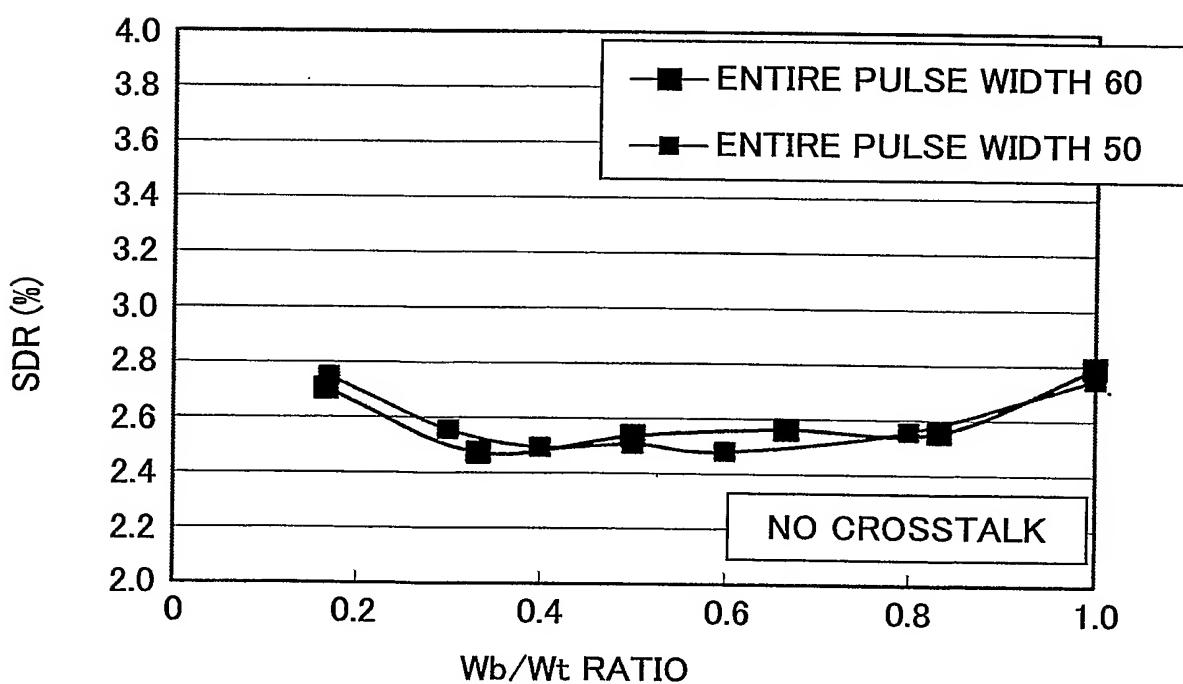


FIG.14



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FIG.15

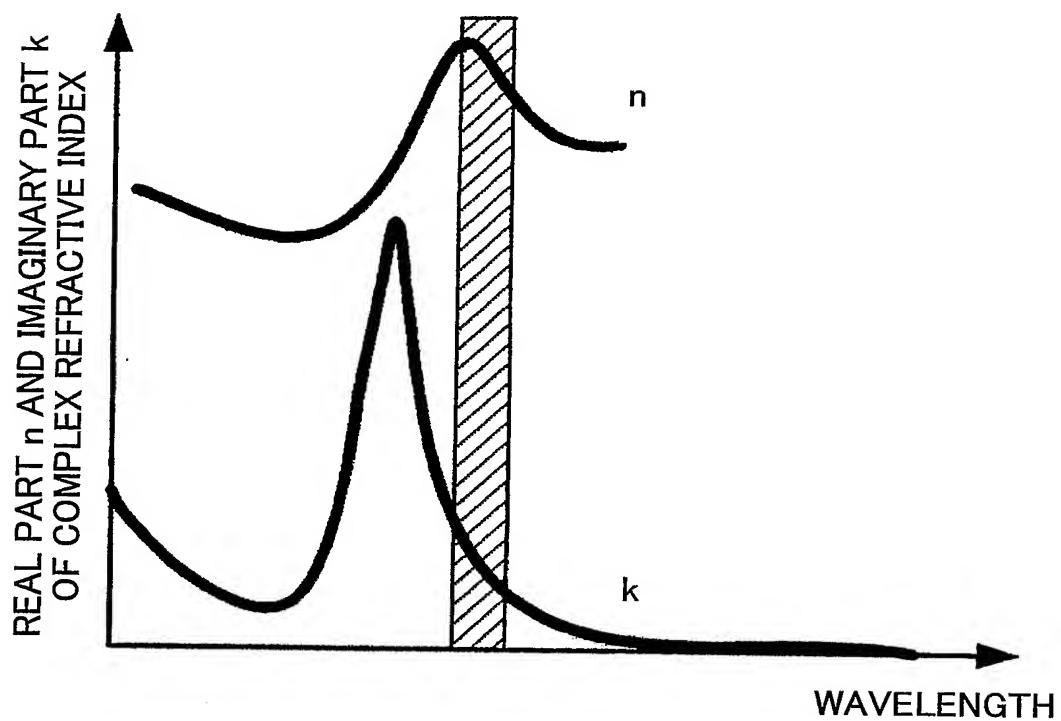
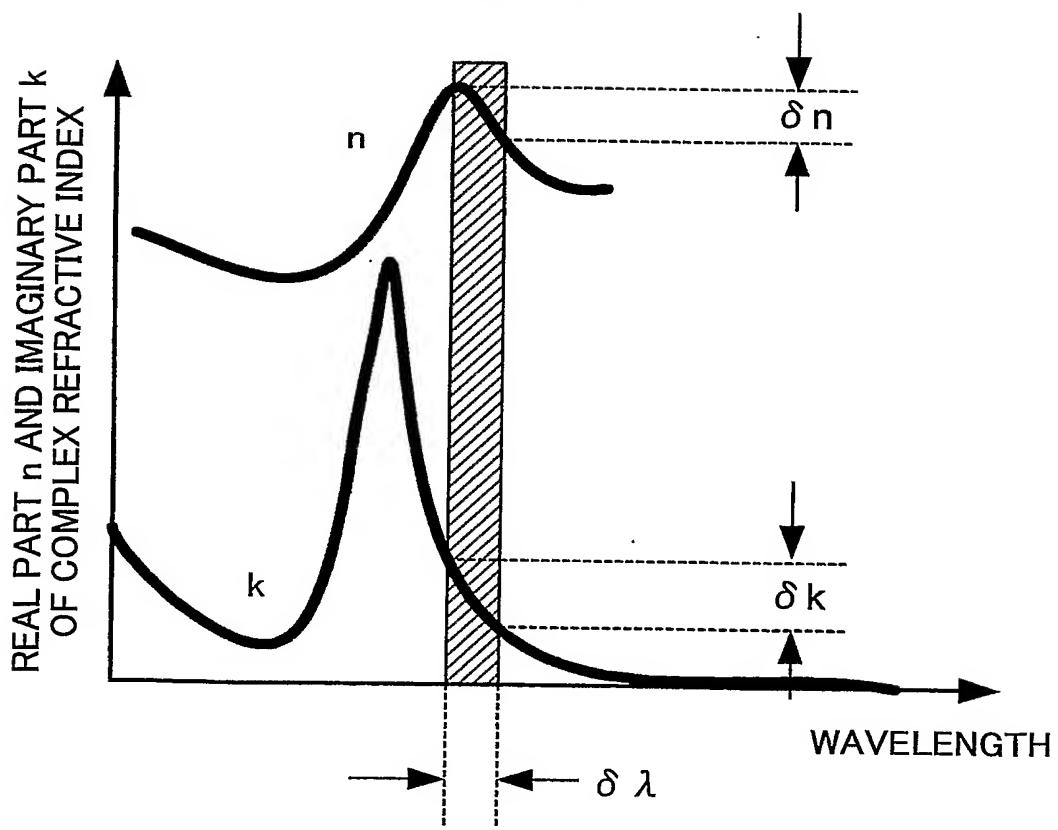


FIG.16



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FIG.17

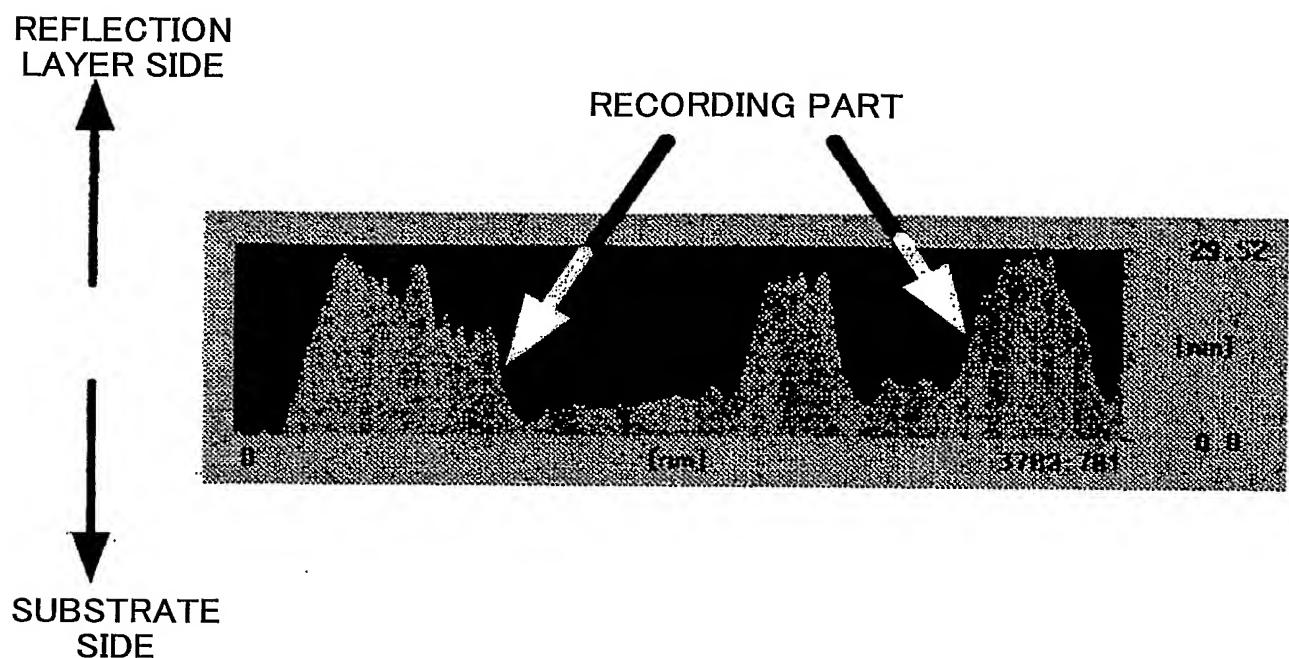
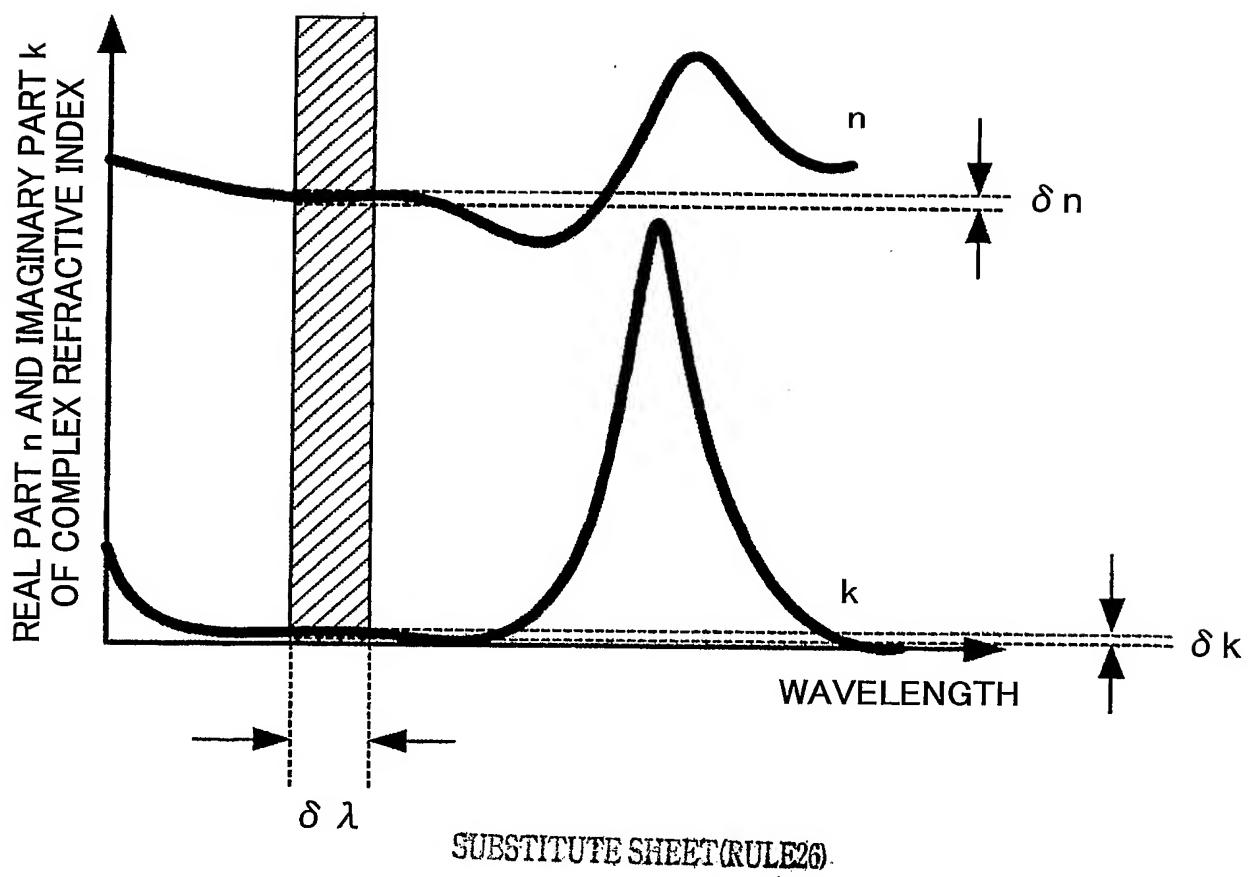


FIG.18



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FIG.19

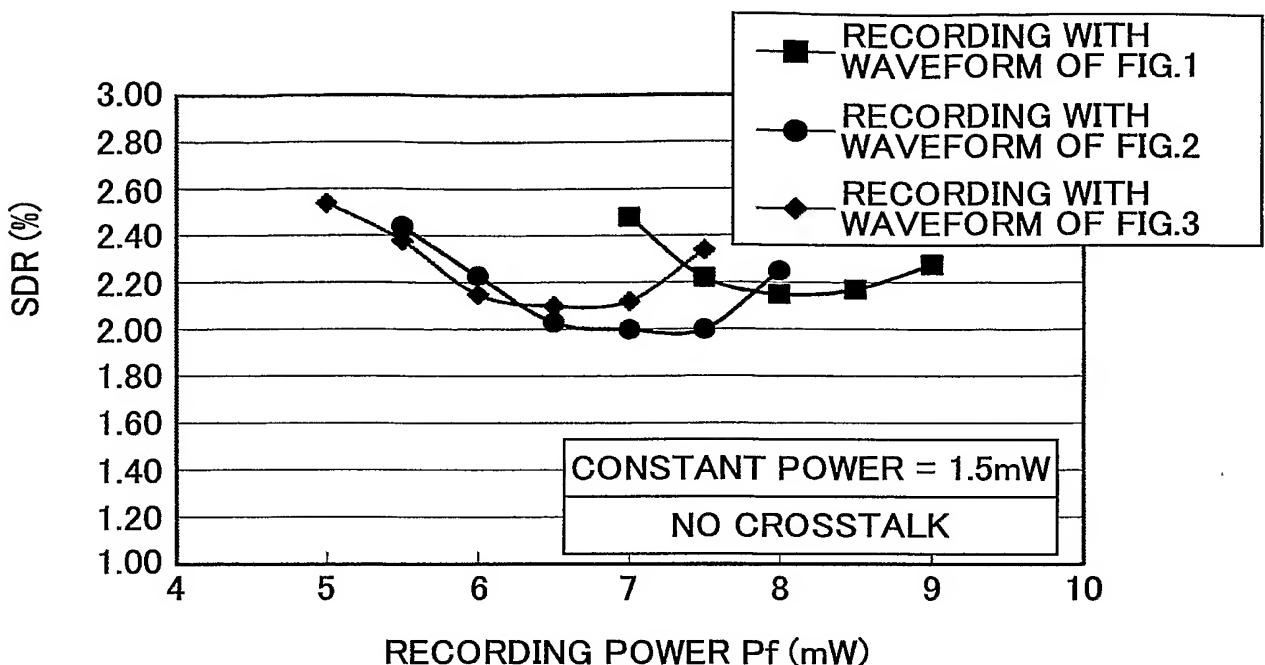
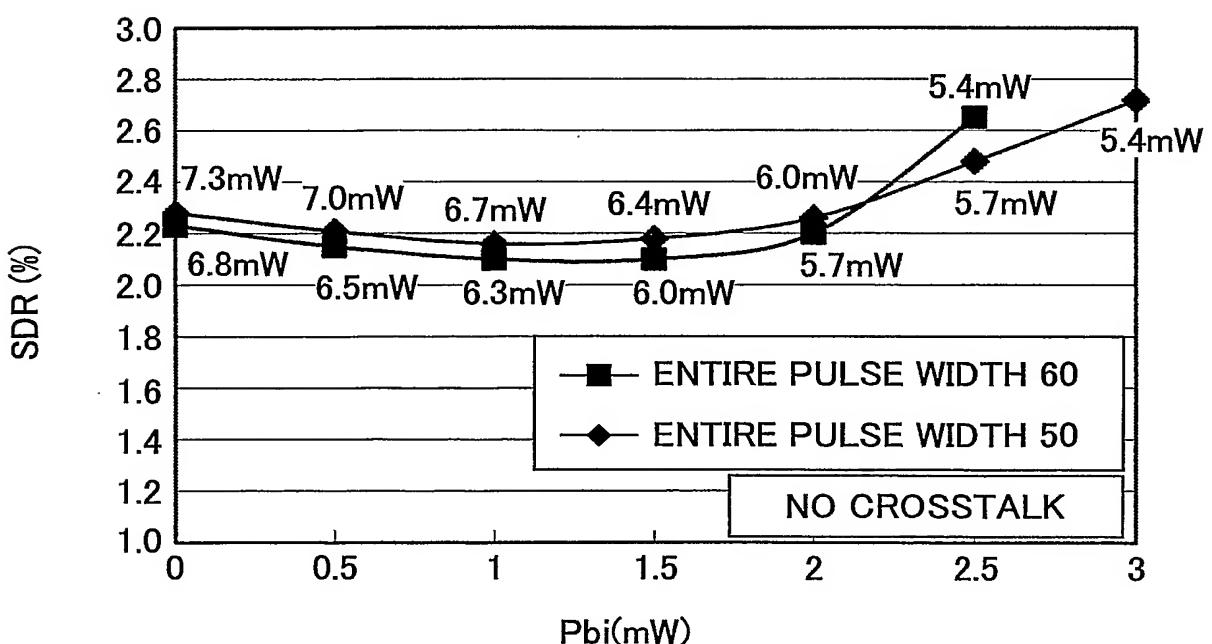


FIG.20



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FIG.21

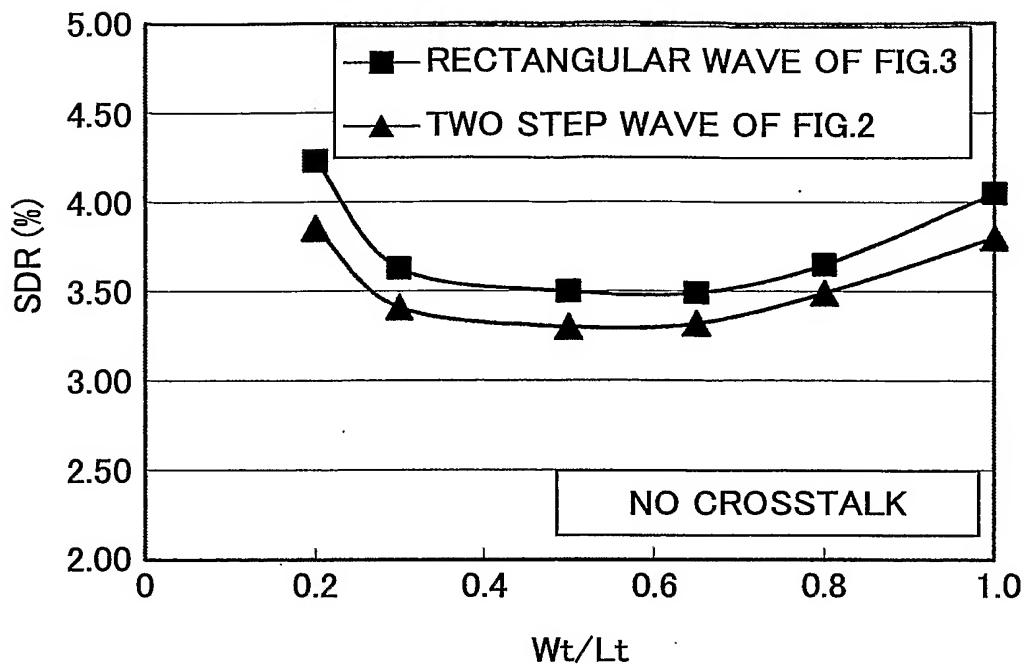
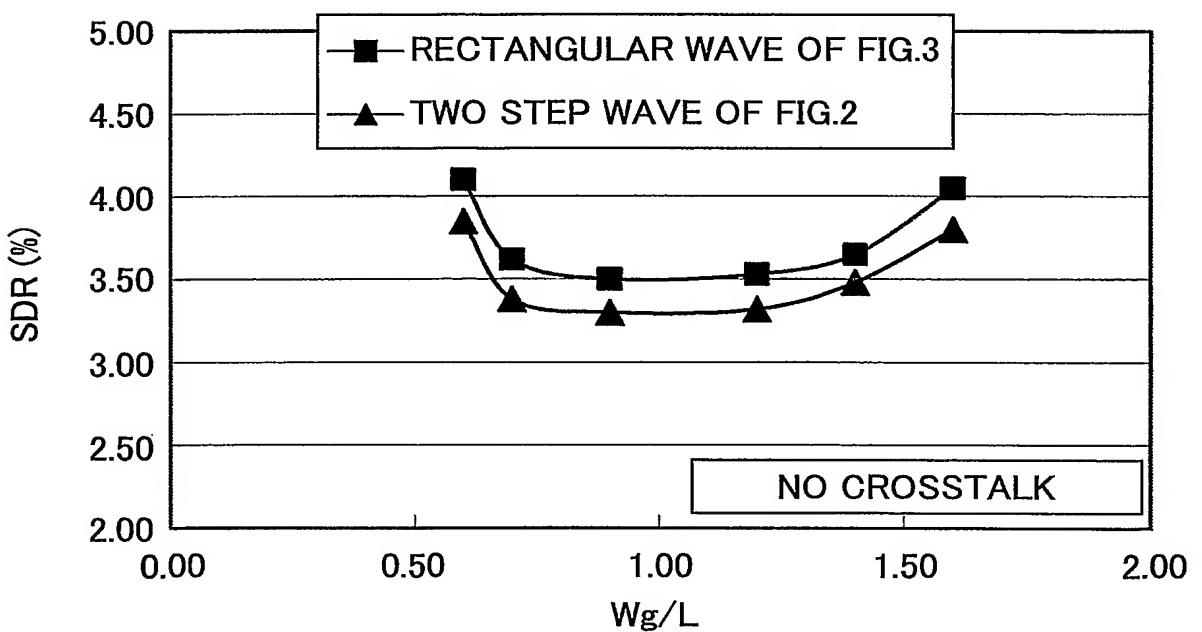


FIG.22



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FIG.23

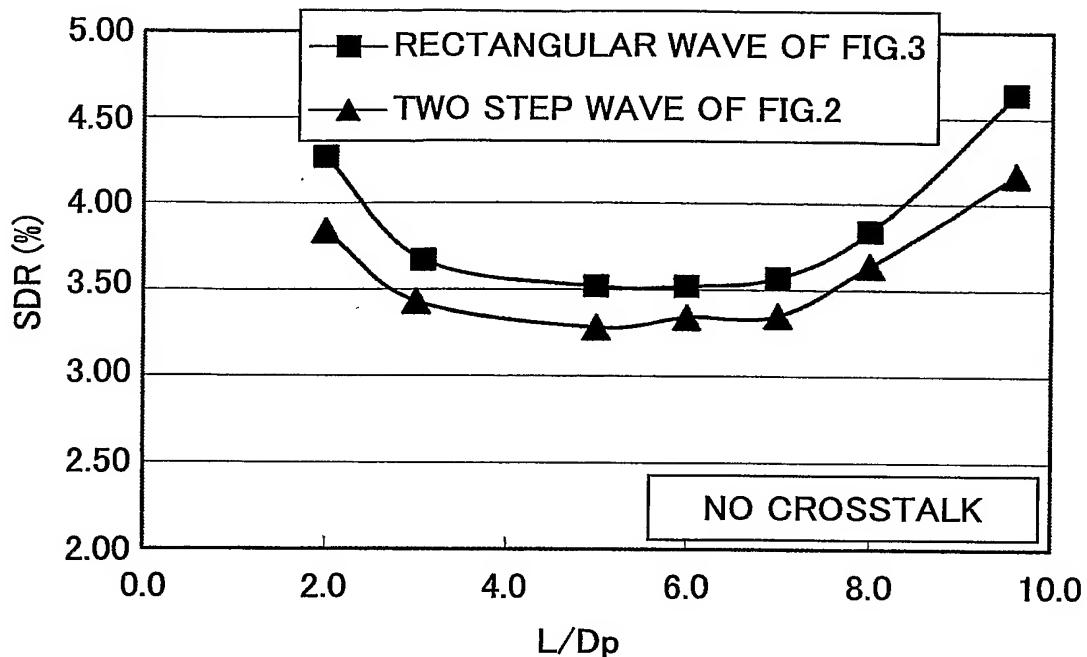
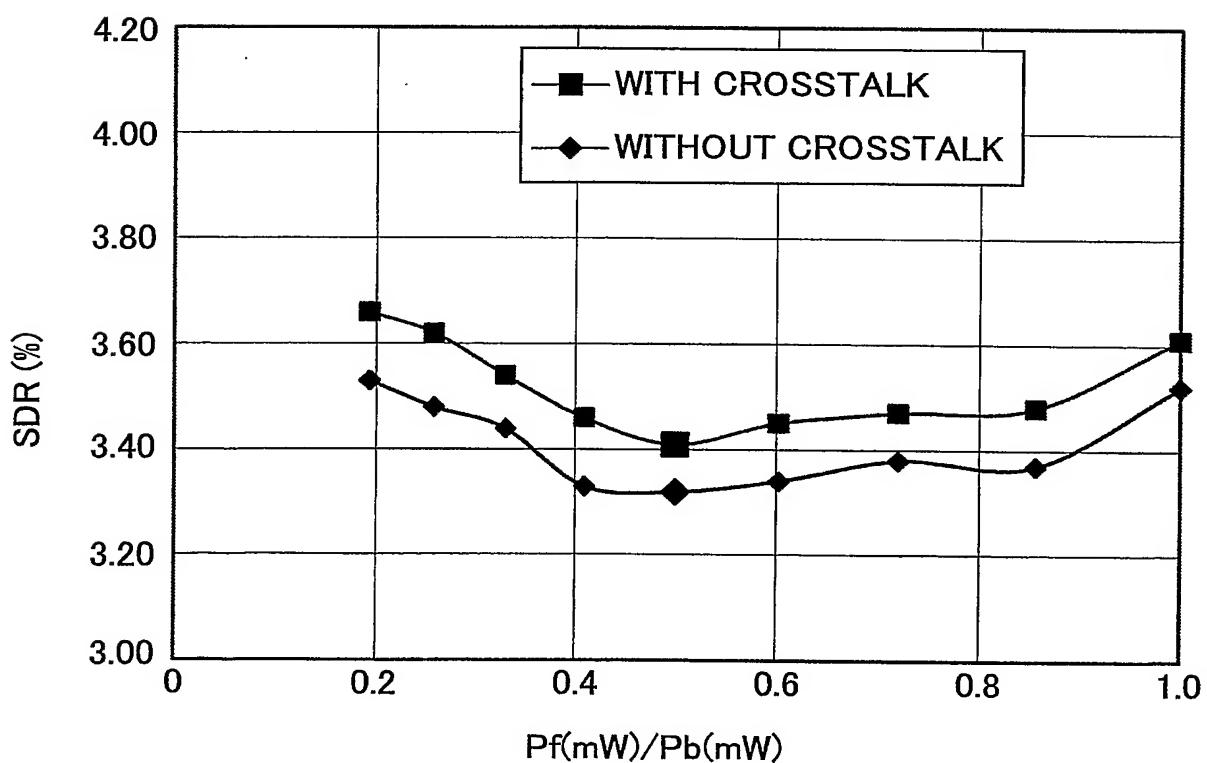


FIG.24



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FIG.25

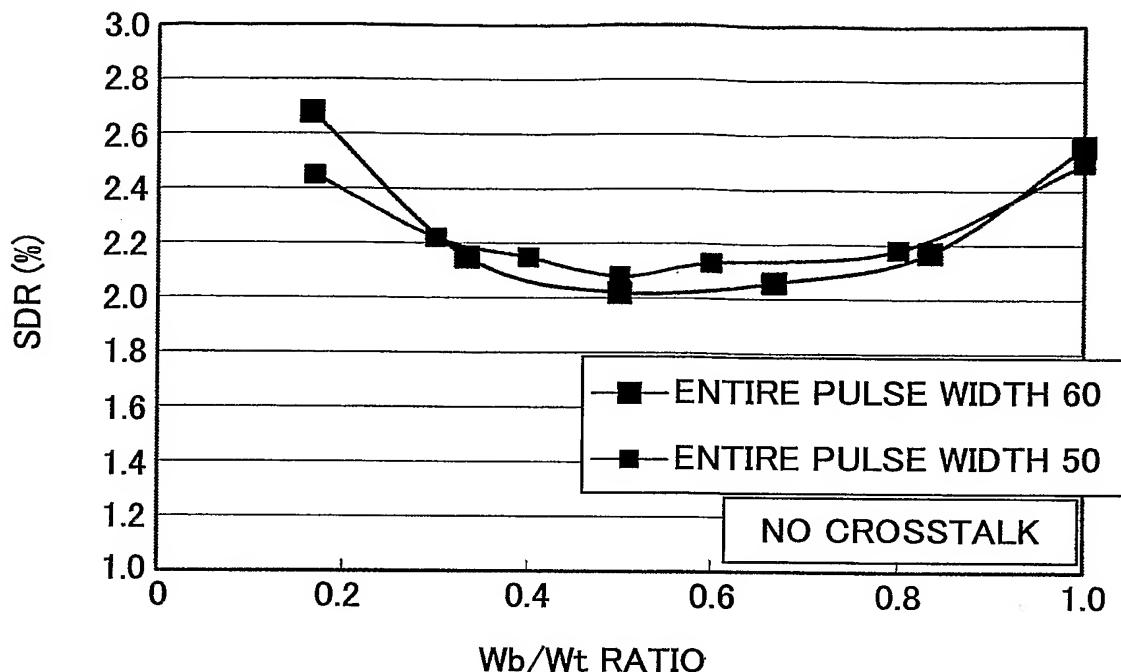
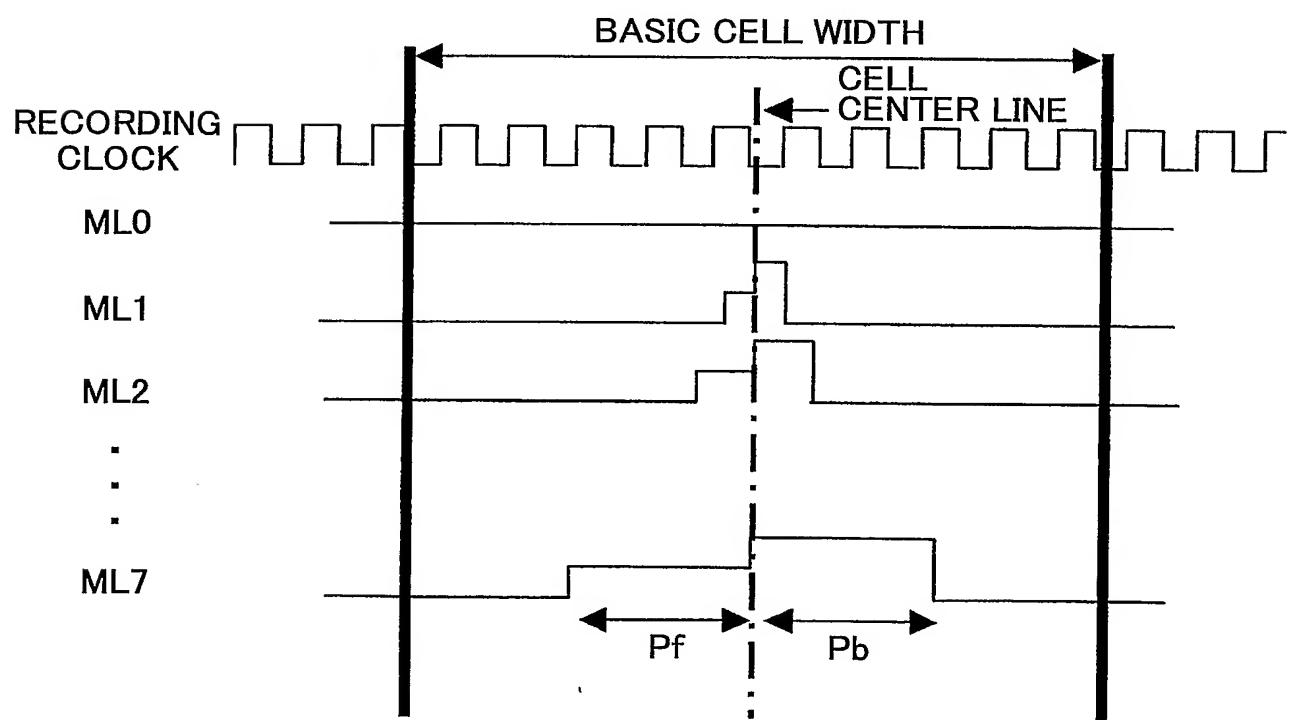


FIG.26



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FIG.27

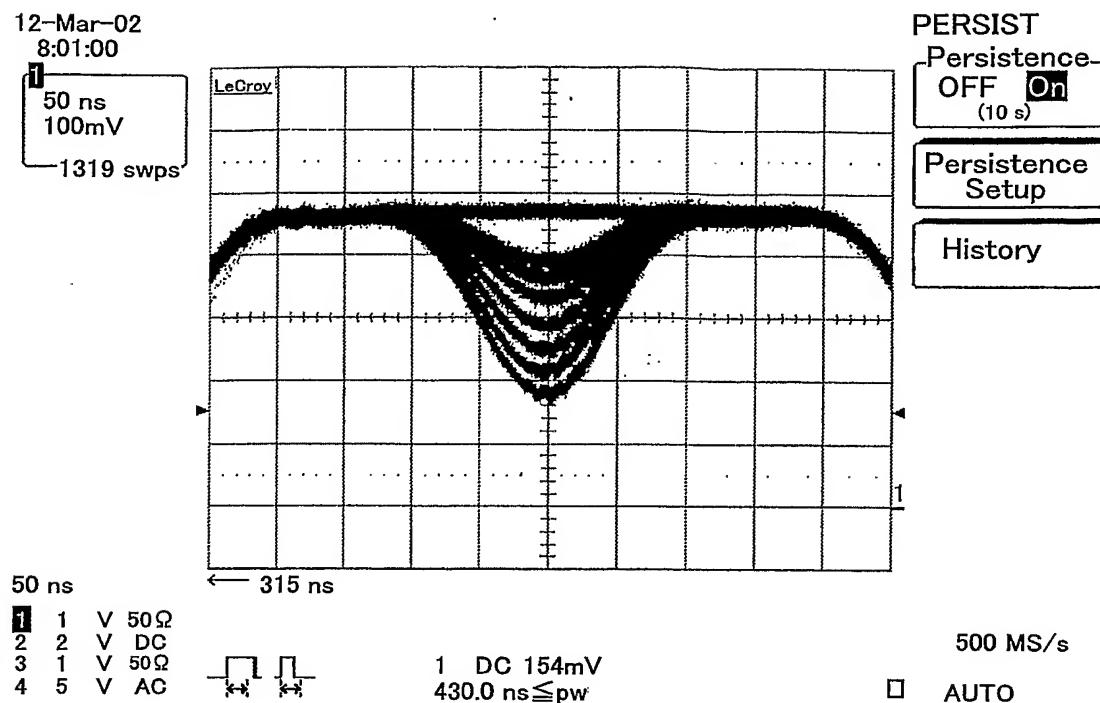
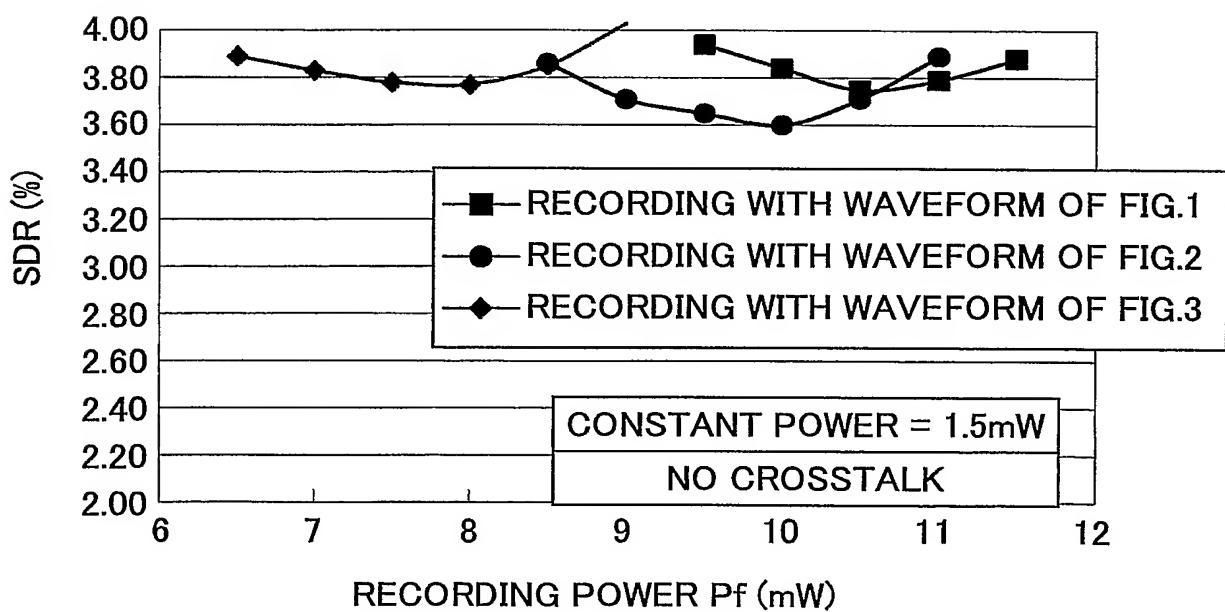


FIG.28



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FIG.29

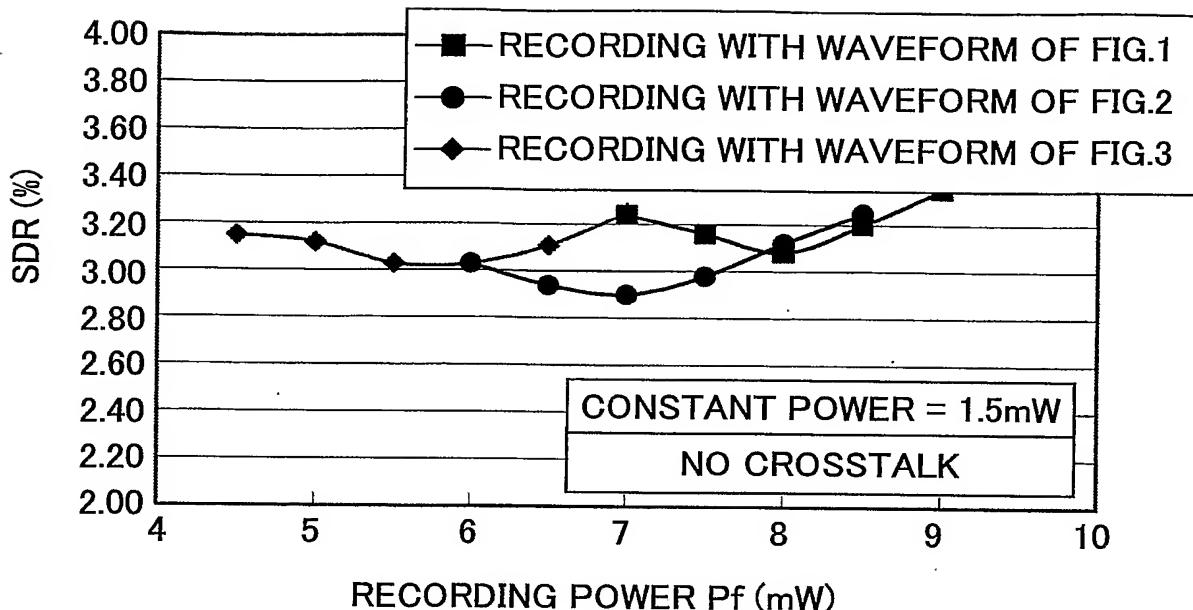
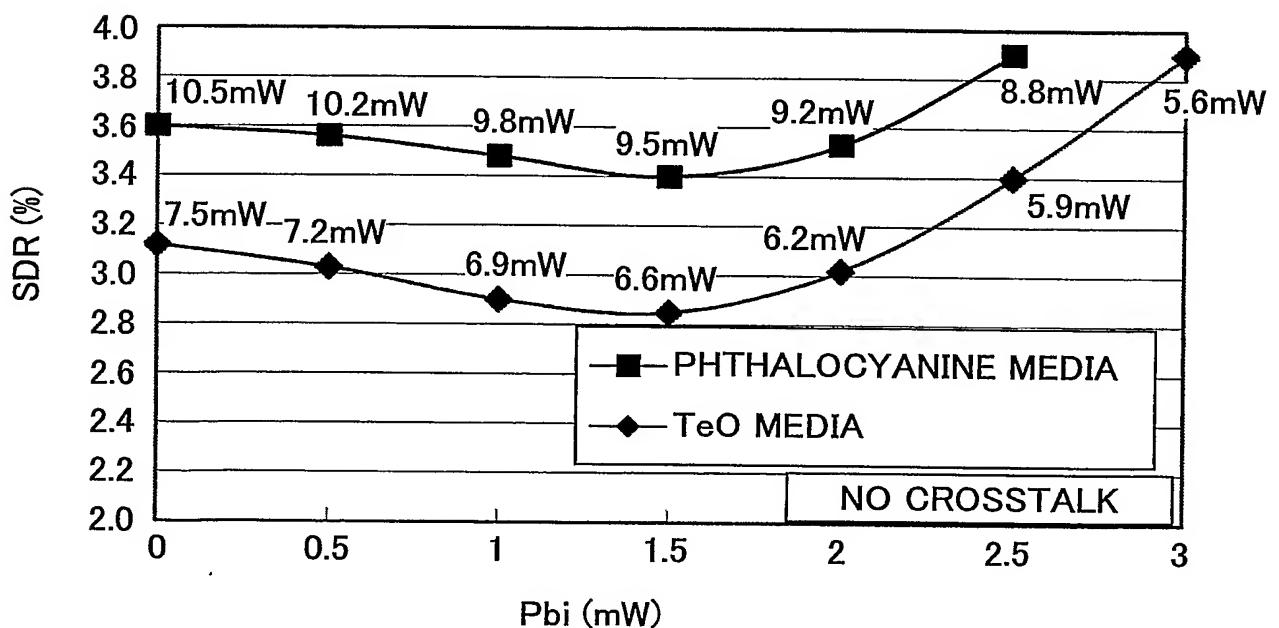


FIG.30



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FIG.31

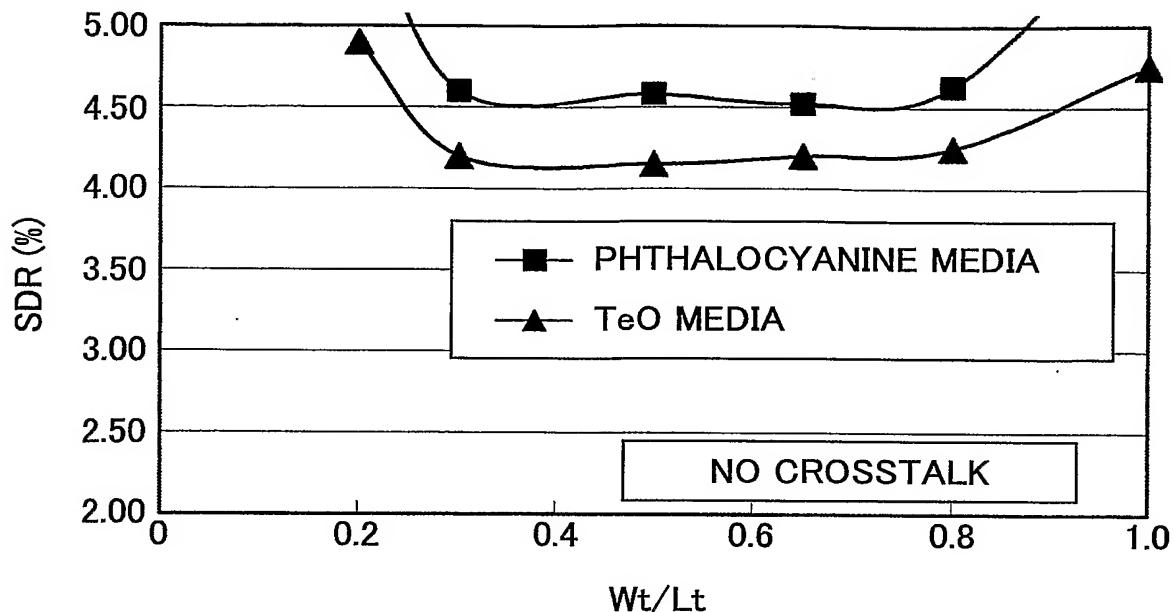
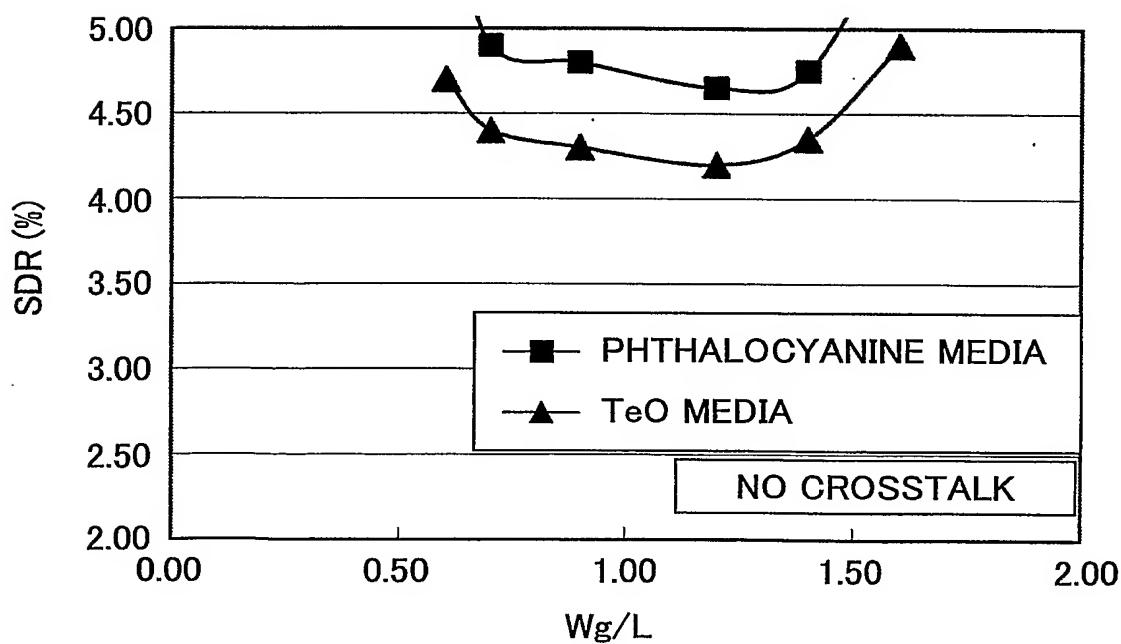


FIG.32



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FIG.33

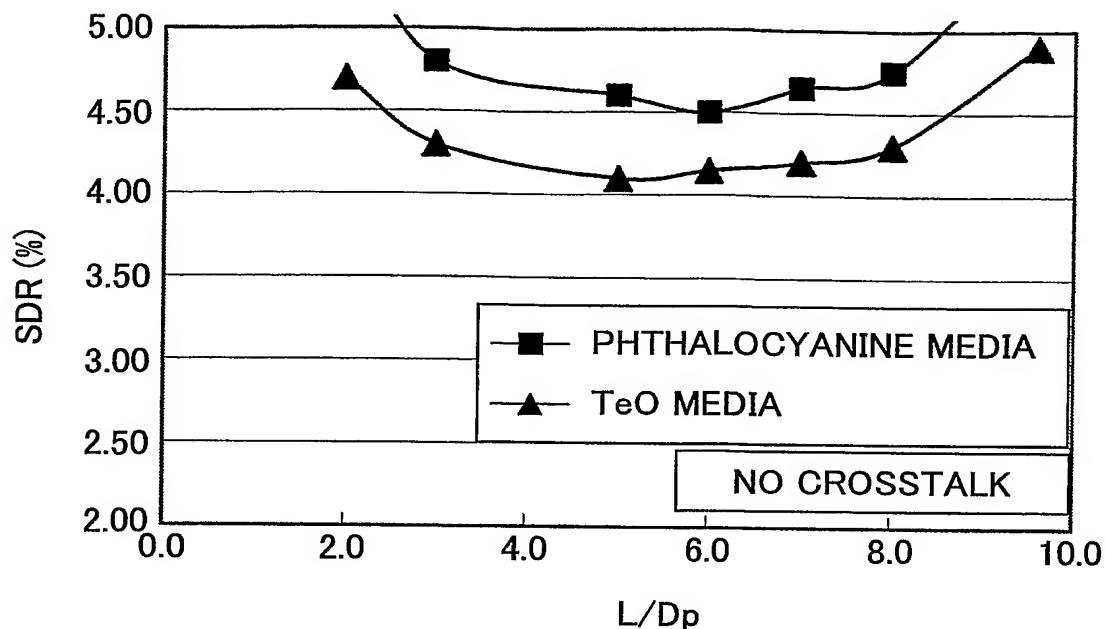
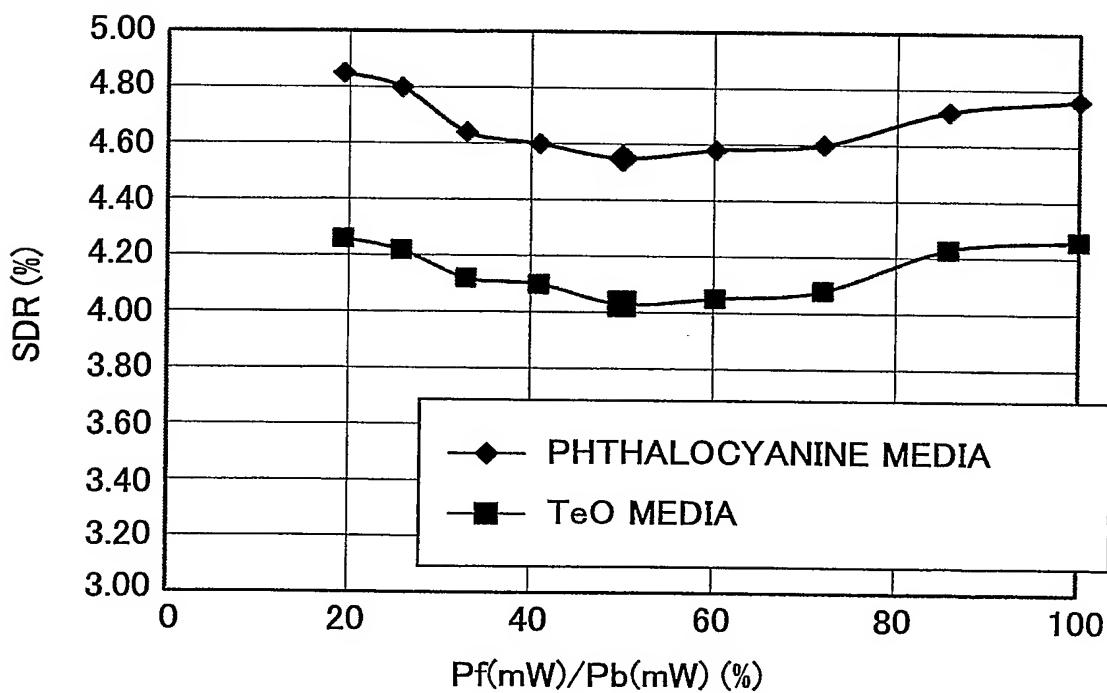


FIG.34



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FIG.35

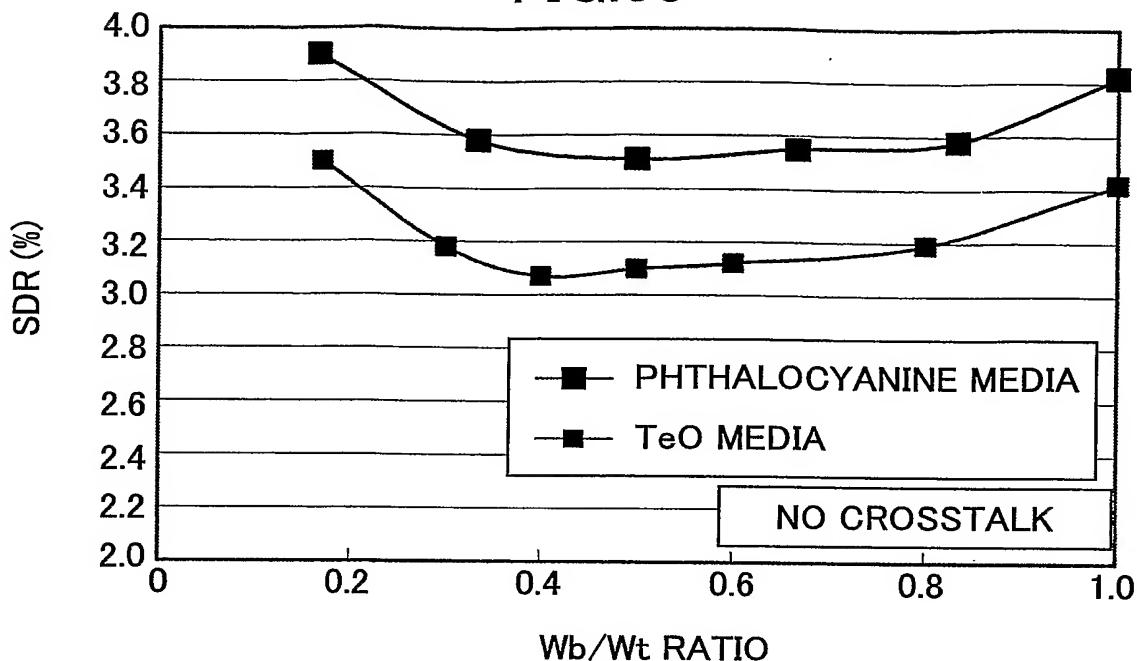
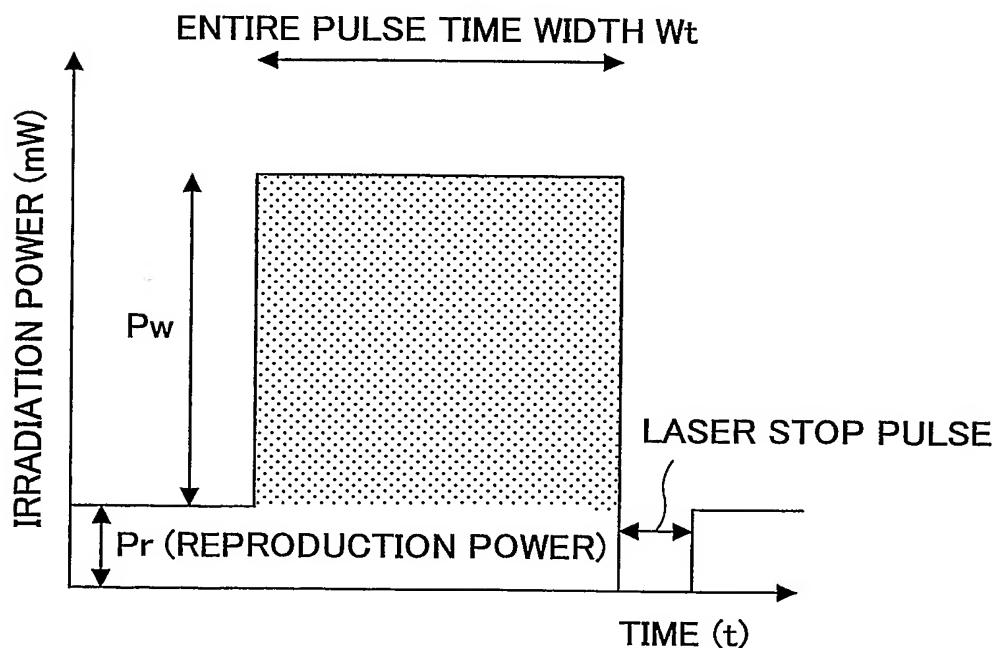


FIG.36



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FIG.37

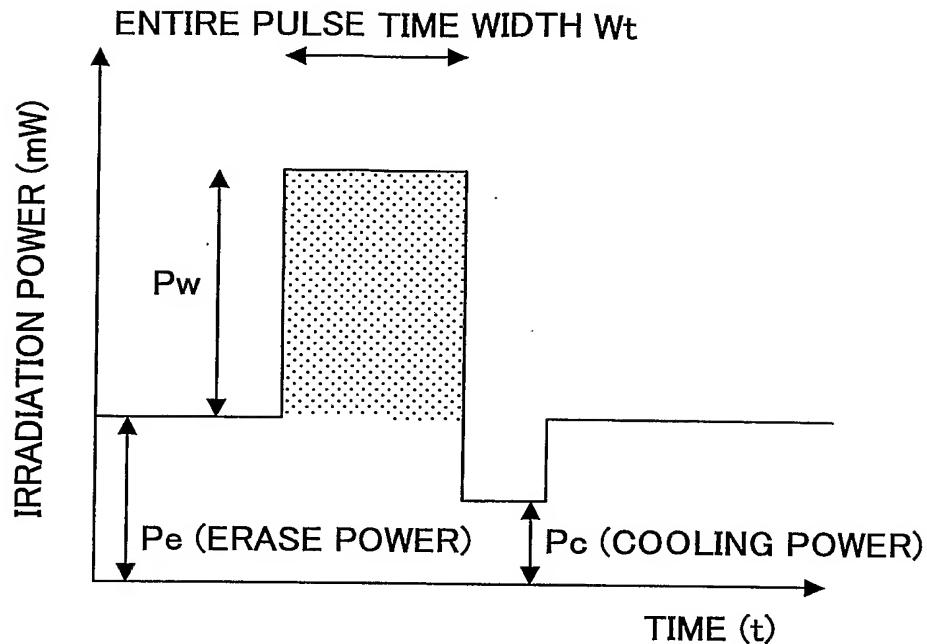


FIG.38

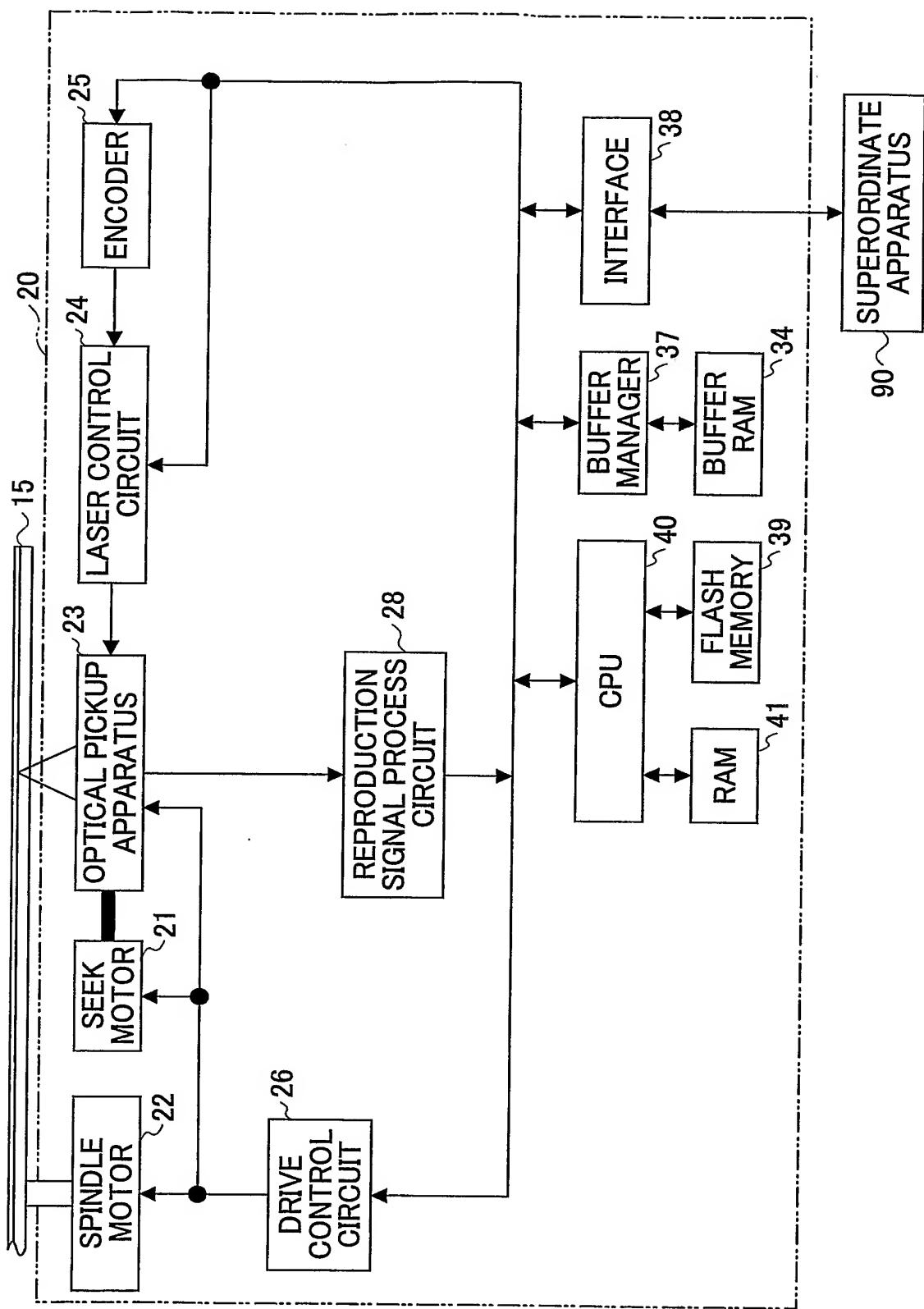


FIG.39

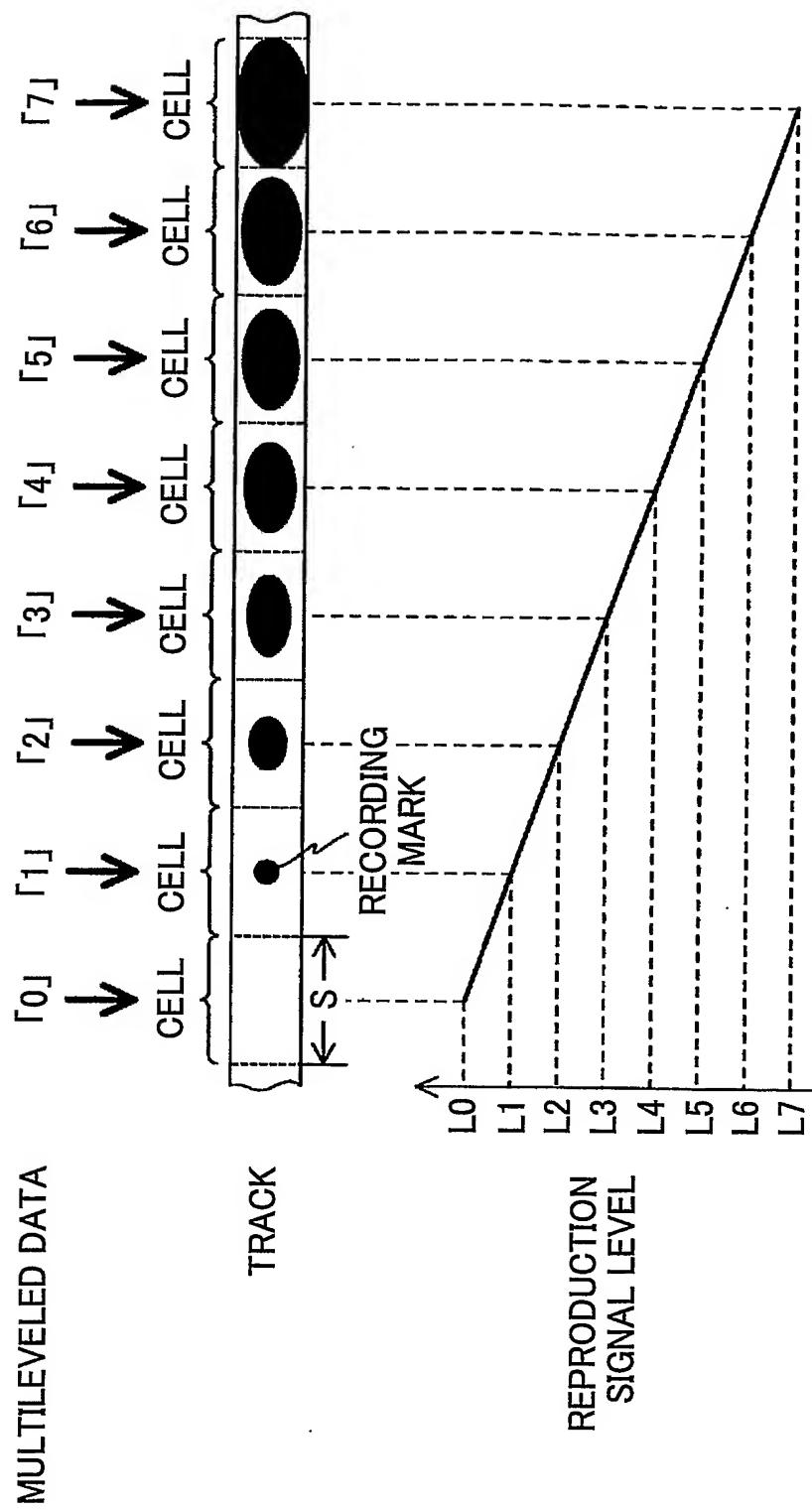


FIG.40

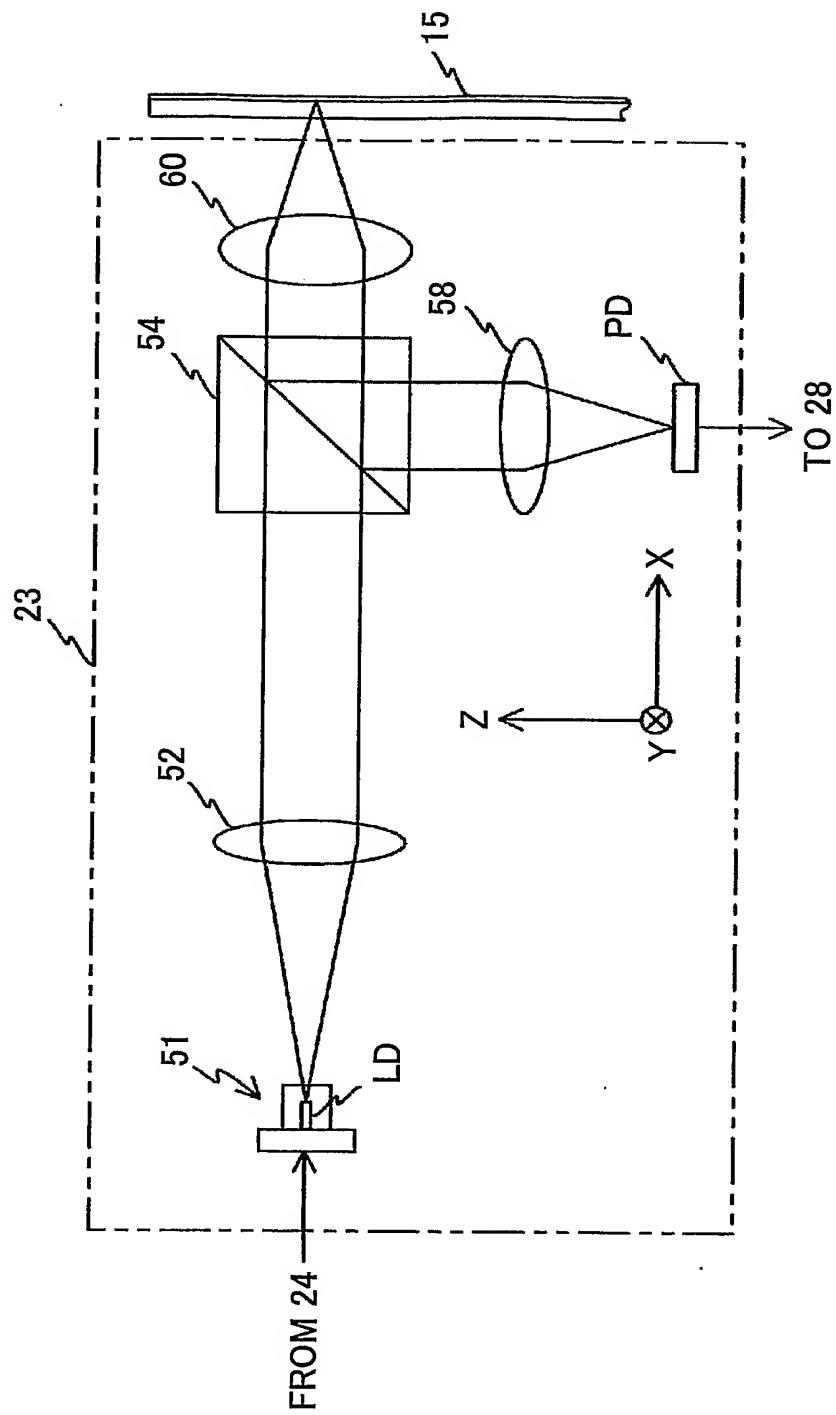
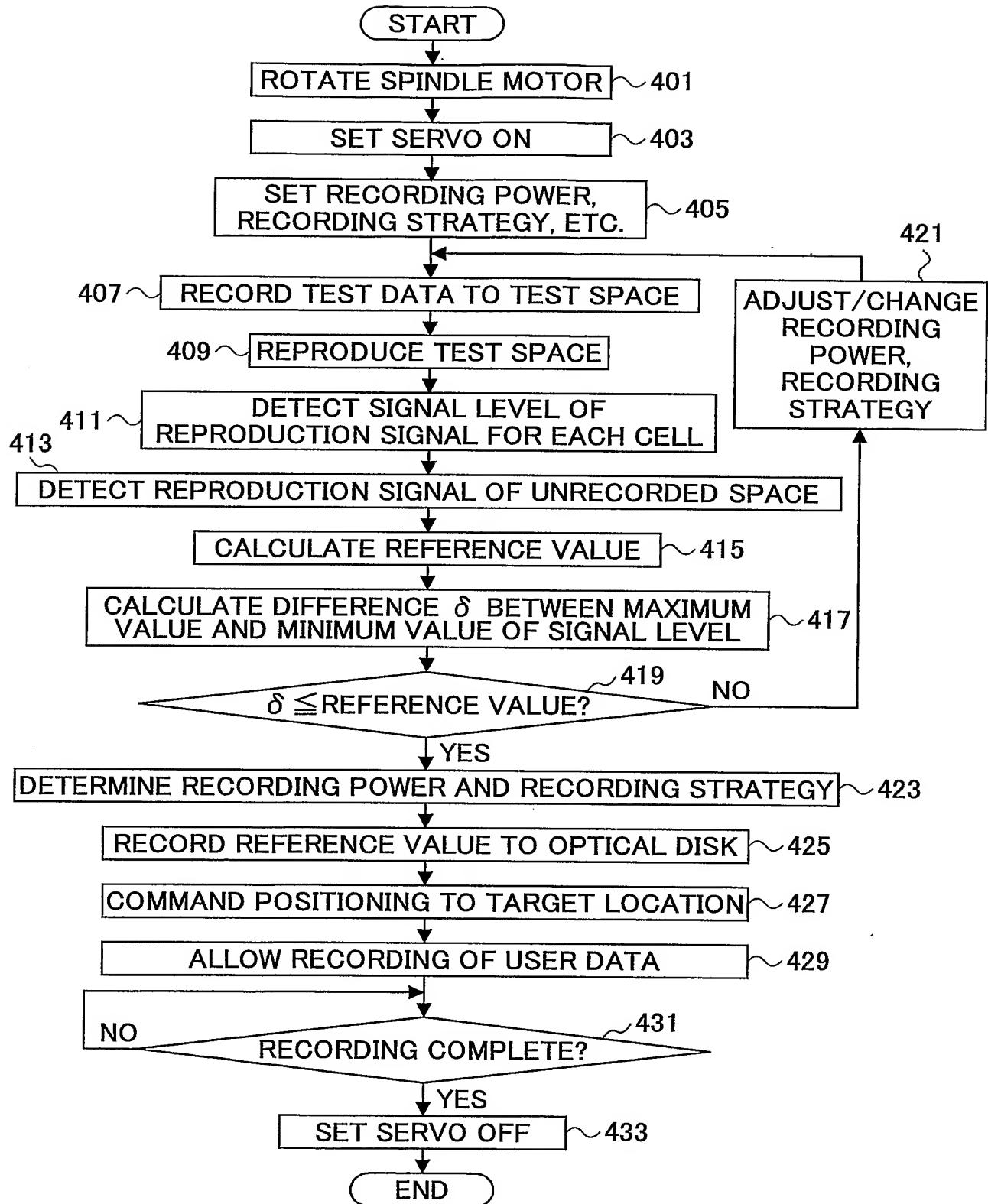


FIG.41



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FIG.42

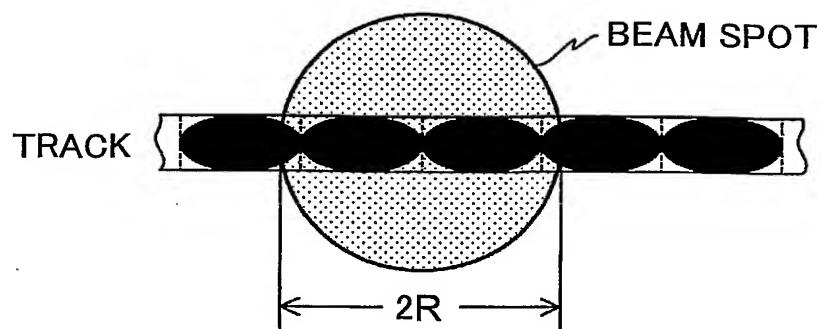
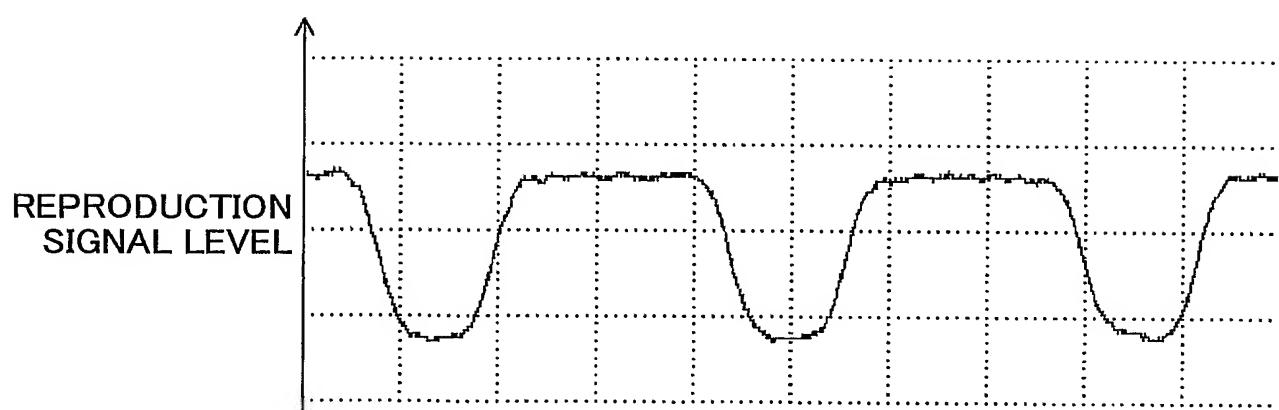


FIG.43



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FIG.44A

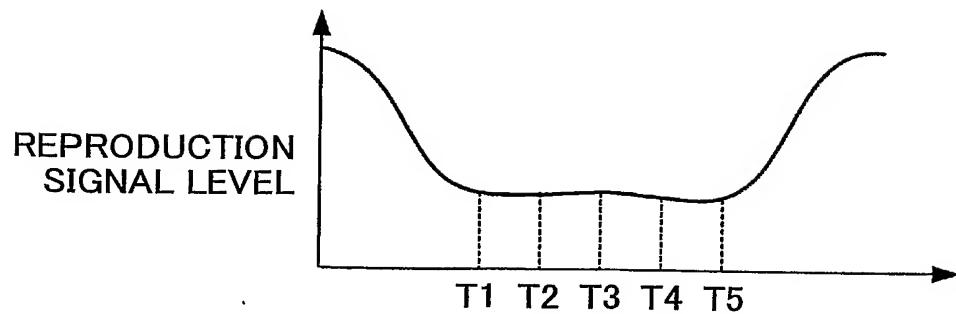


FIG.44B

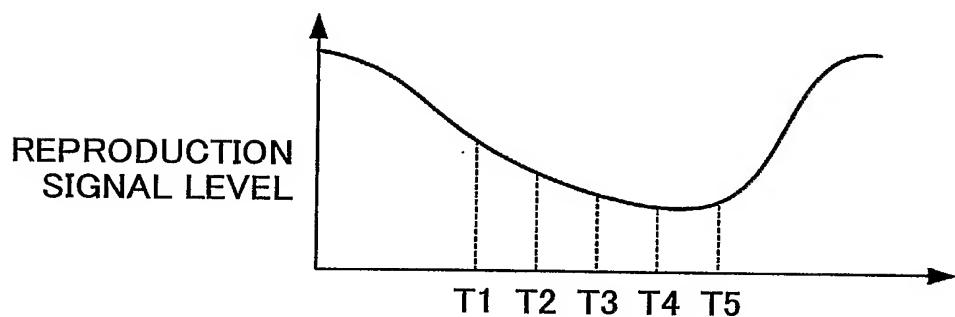
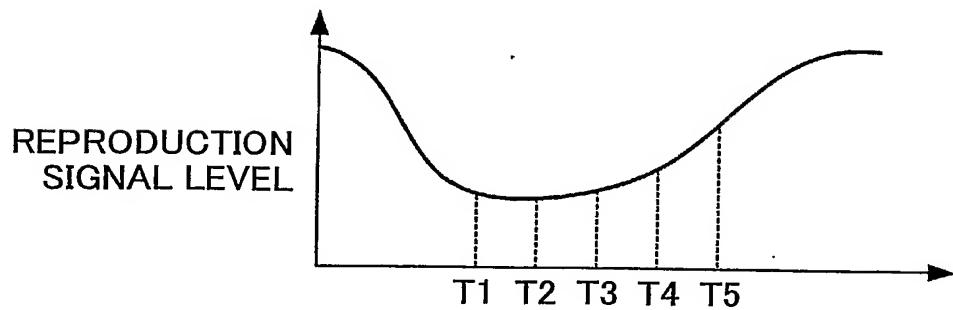


FIG.44C



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FIG.45A

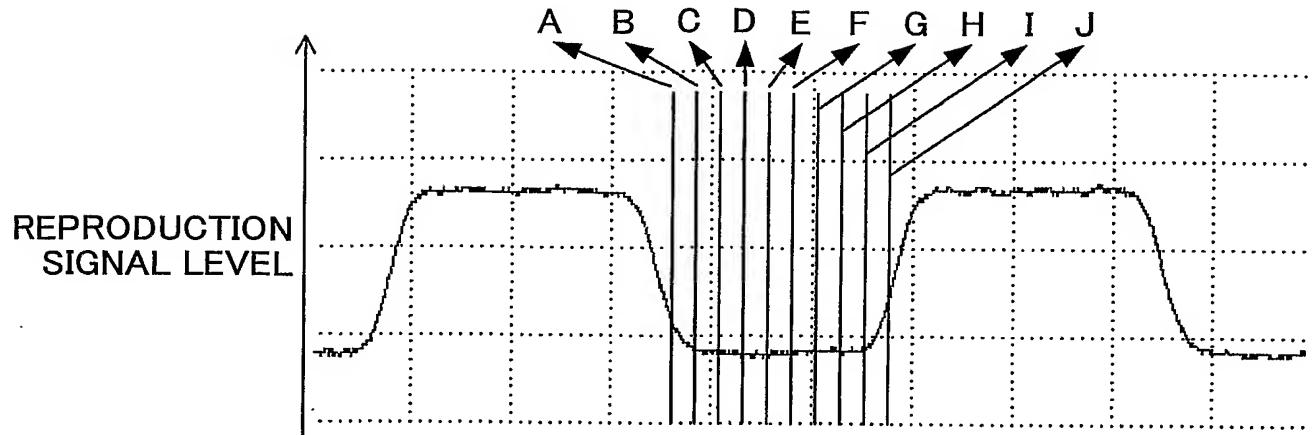


FIG.45B

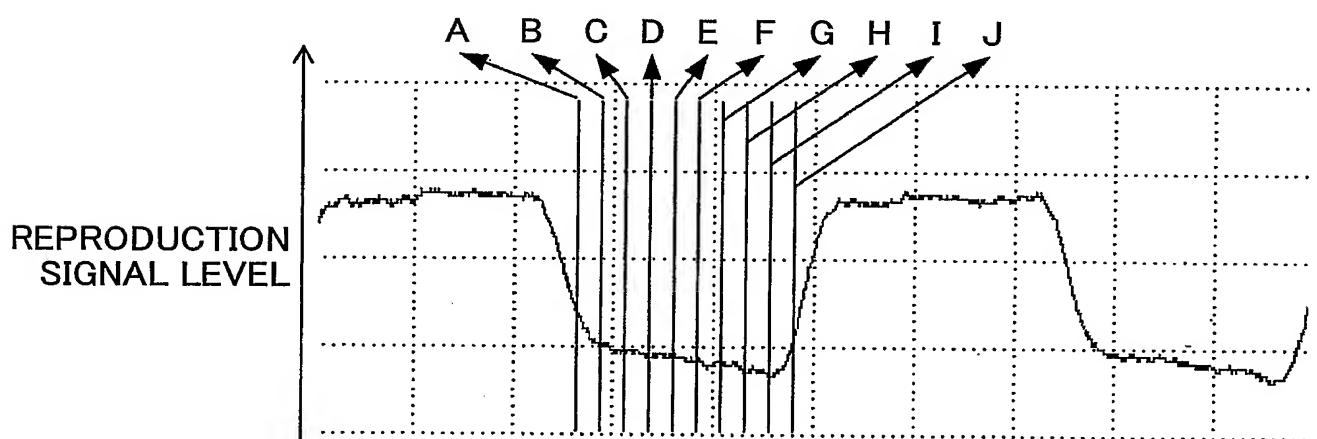
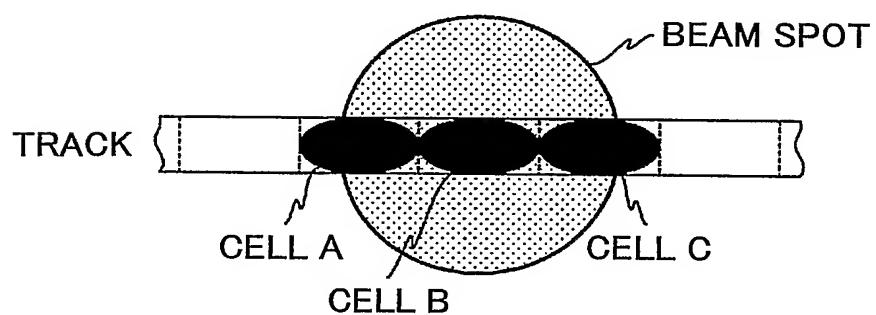


FIG.46



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FIG.47A

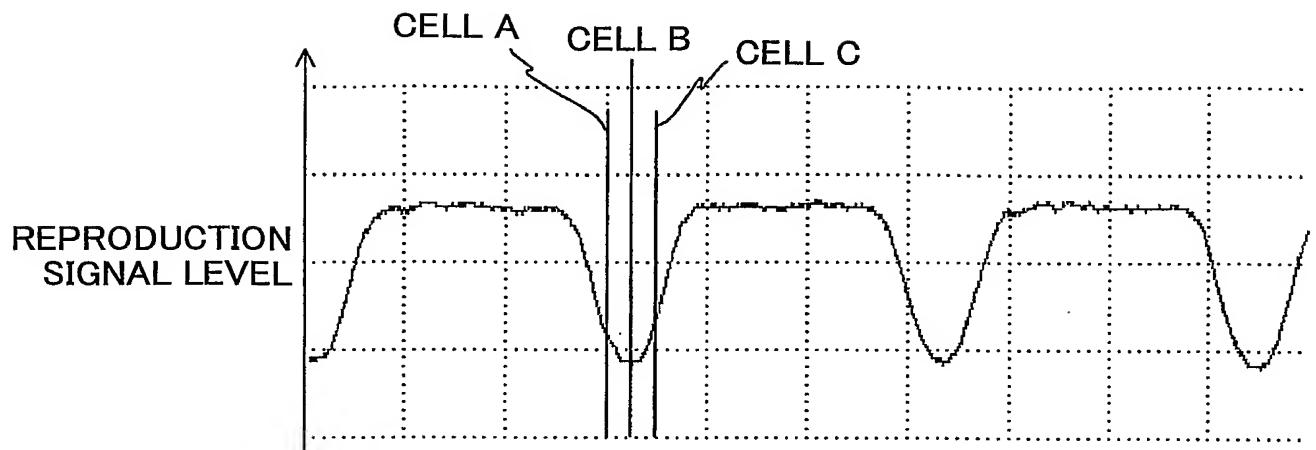


FIG.47B

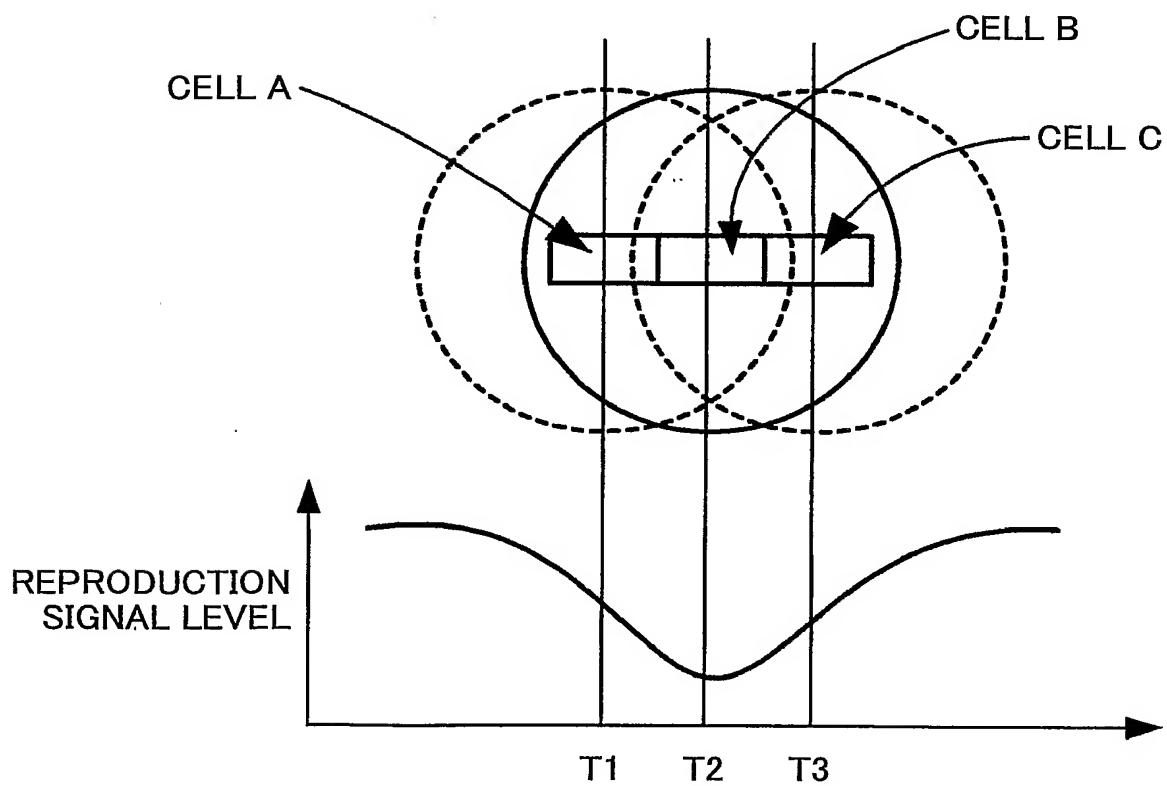


FIG.48

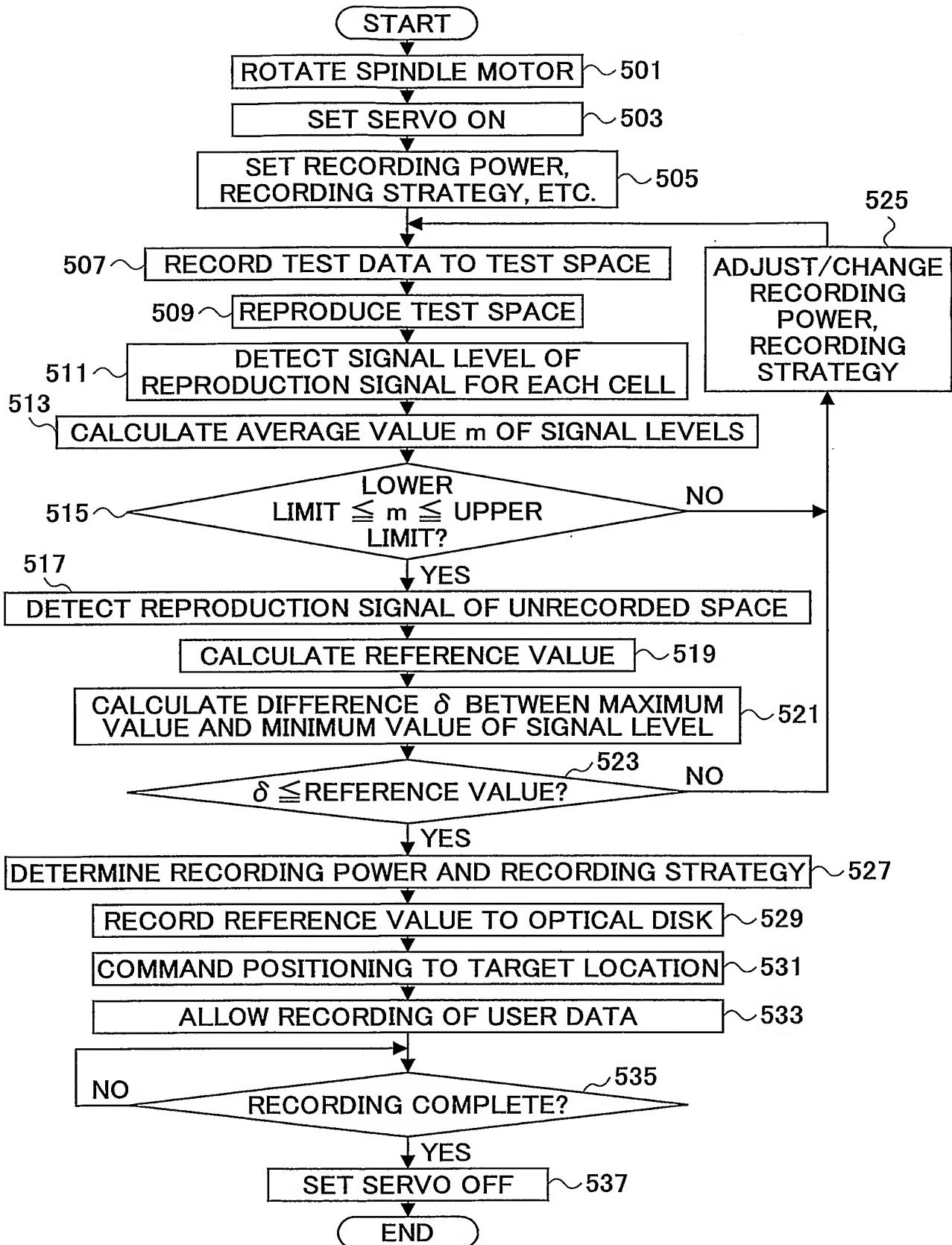
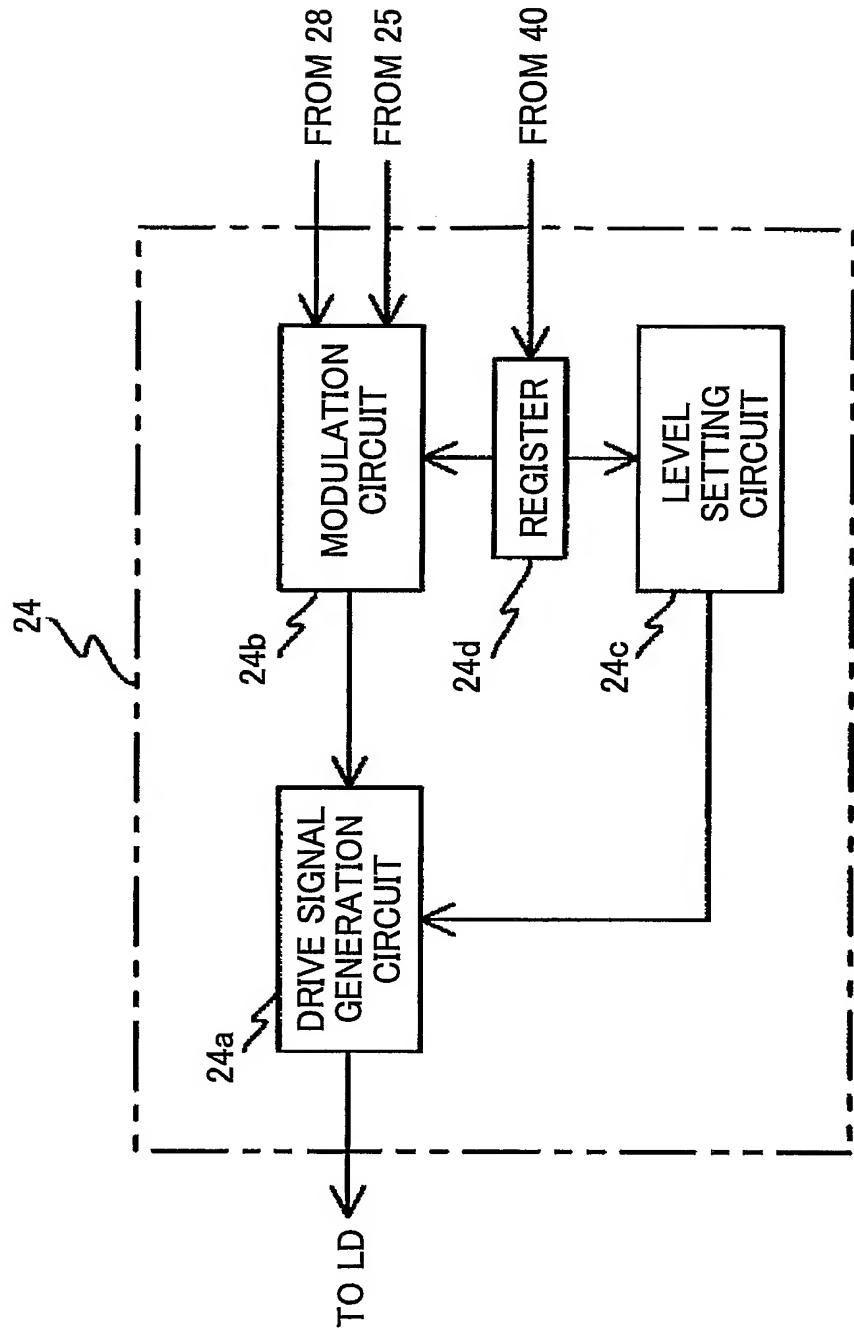


FIG.49



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FIG.50

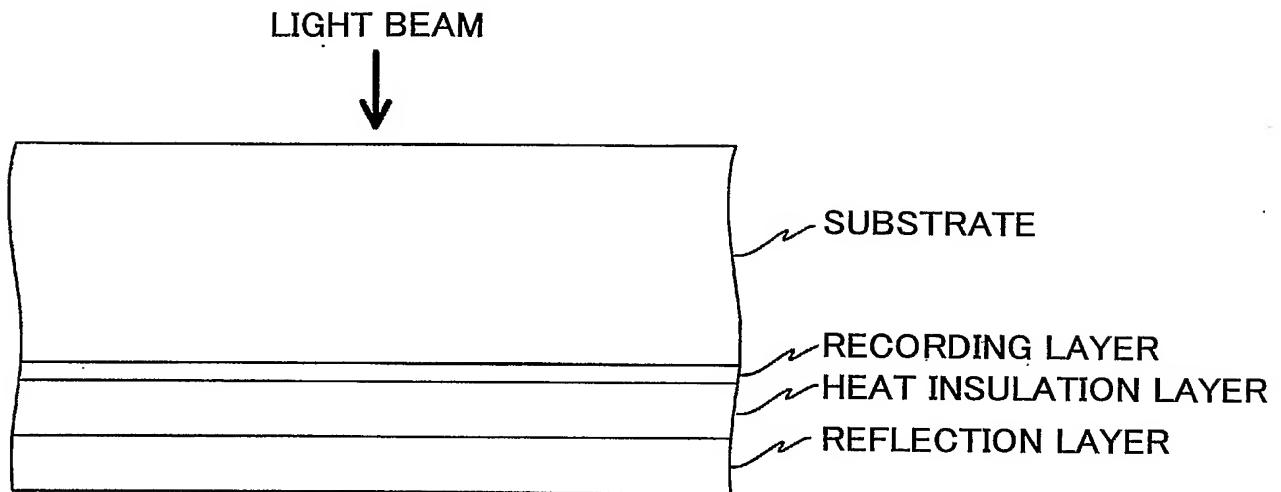


FIG.51

|                       | FILM THICKNESS (nm) | REFRACTIVE INDEX n | ATTENUATION COEFFICIENT k | SPECIFIC HEAT C(J/cm <sup>3</sup> /°C) | THERMAL CONDUCTIVITY K(J/cm/sec/°C) |
|-----------------------|---------------------|--------------------|---------------------------|--|-------------------------------------|
| SUBSTRATE             |                     | 1.6                | 0                         | 1.4                                    | 0.0021                              |
| RECORDING LAYER       | 15                  | 2.8                | 0.56                      | 2.6                                    | 0.12                                |
| HEAT INSULATION LAYER | 80                  | 2.3                | 0.006                     | 1.7                                    | 0.01                                |
| REFLECTION LAYER      | 100                 | 0.108              | 2.05                      | 2.44                                   | 4.21                                |

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FIG.52

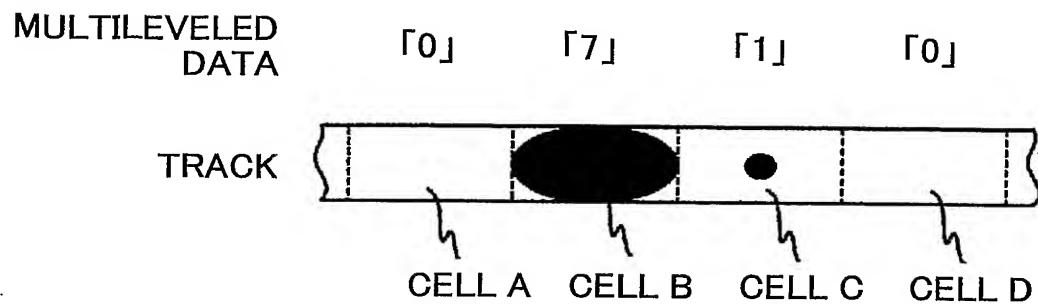
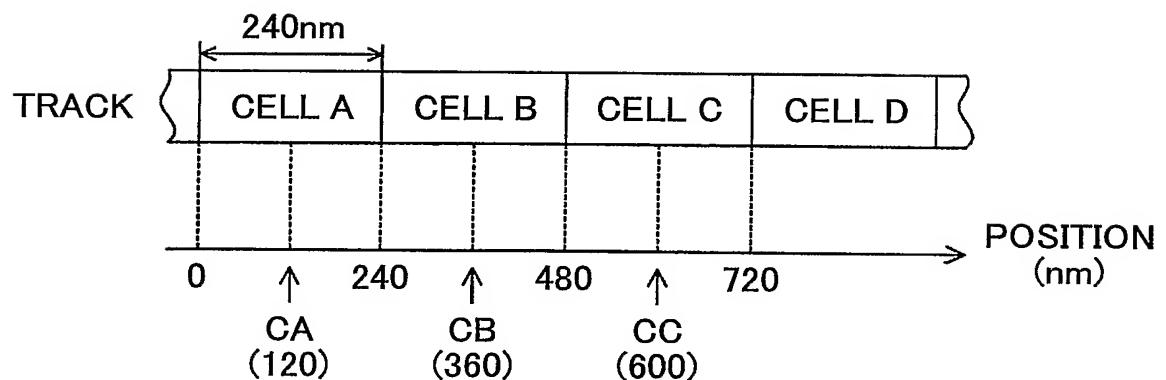
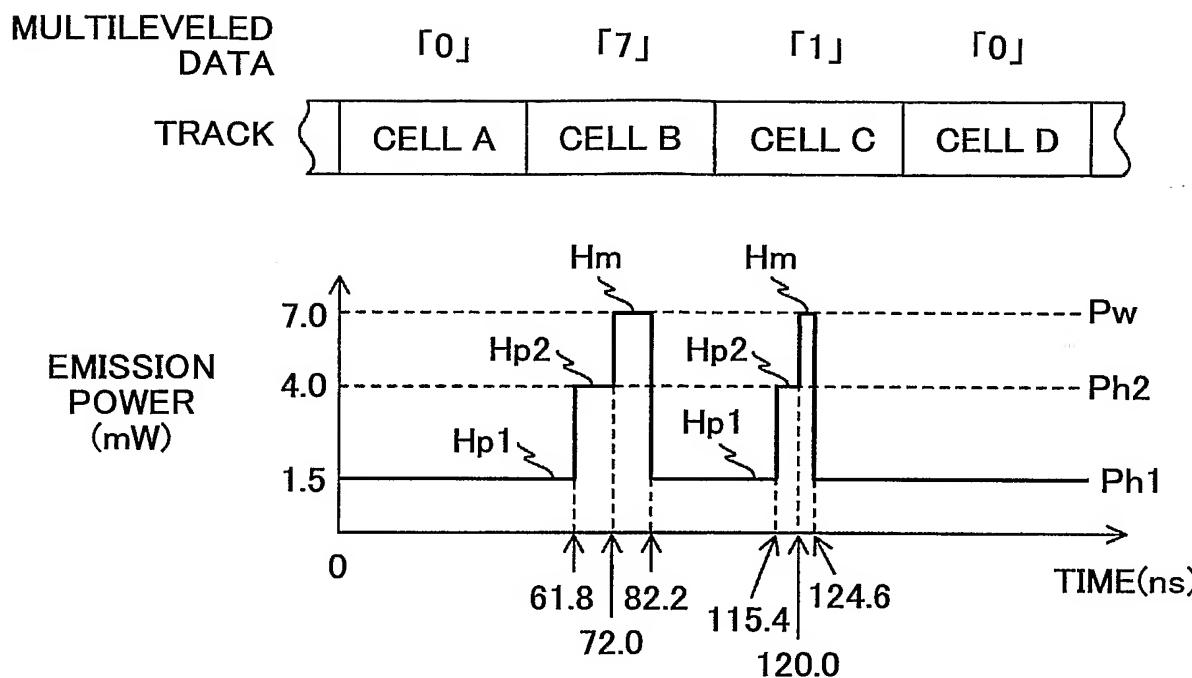


FIG.53



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FIG.54



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FIG.55

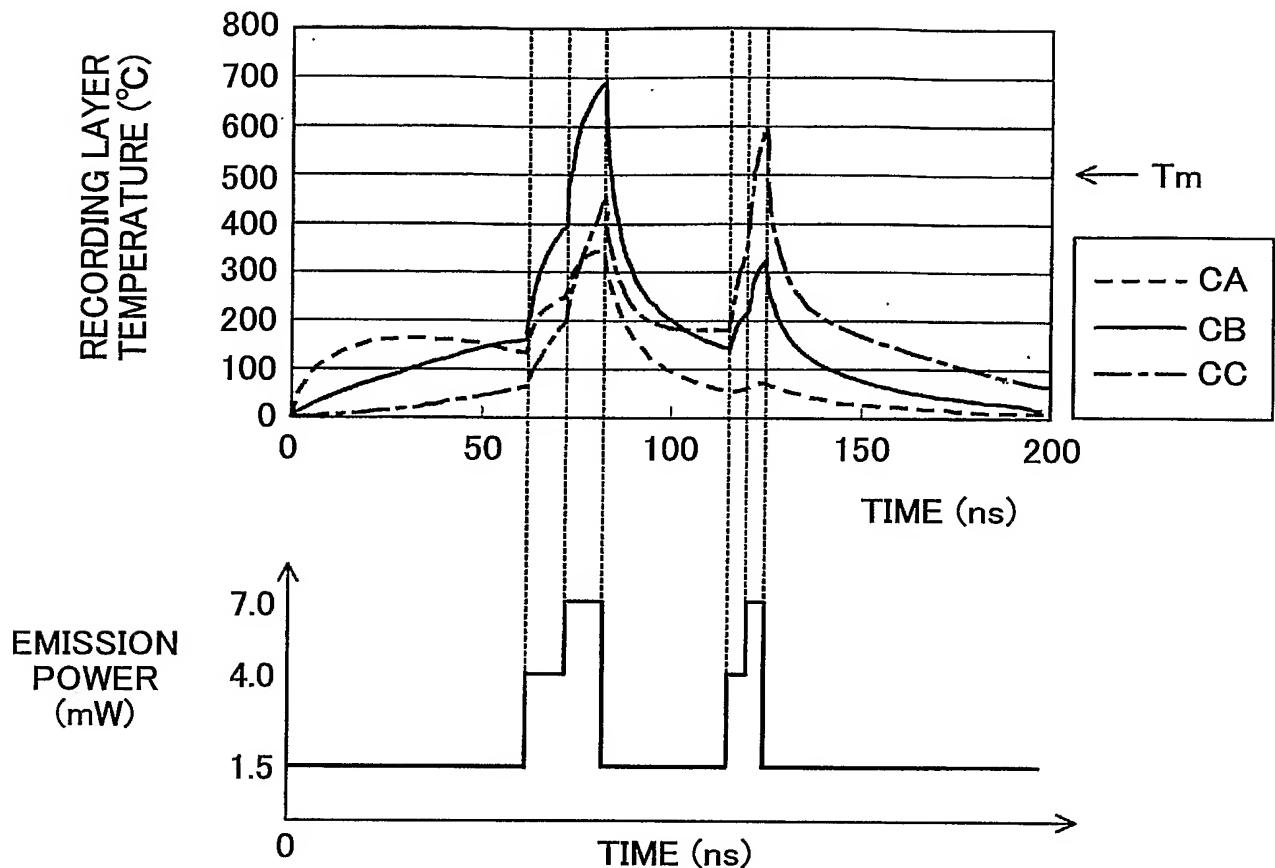
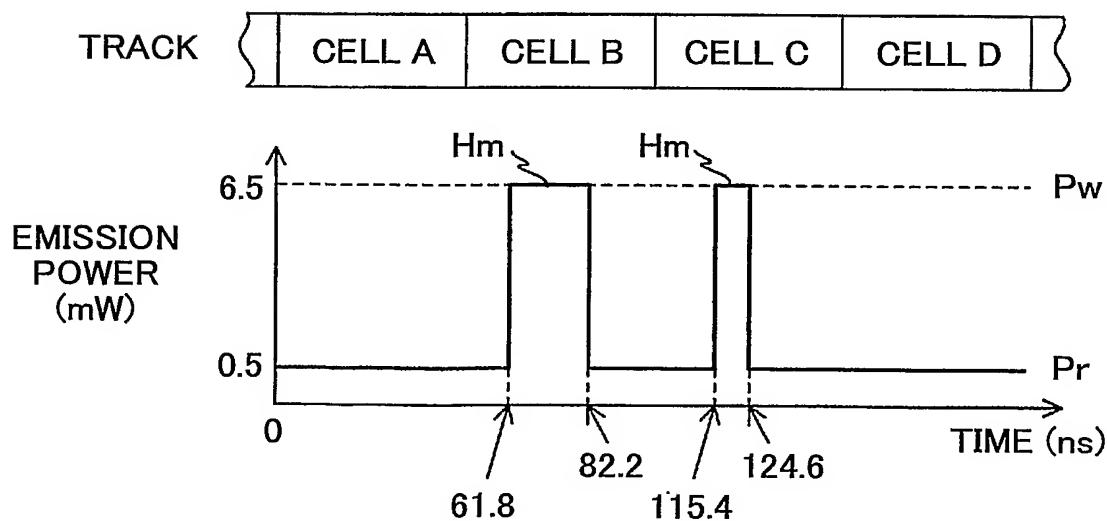


FIG.56



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FIG.57

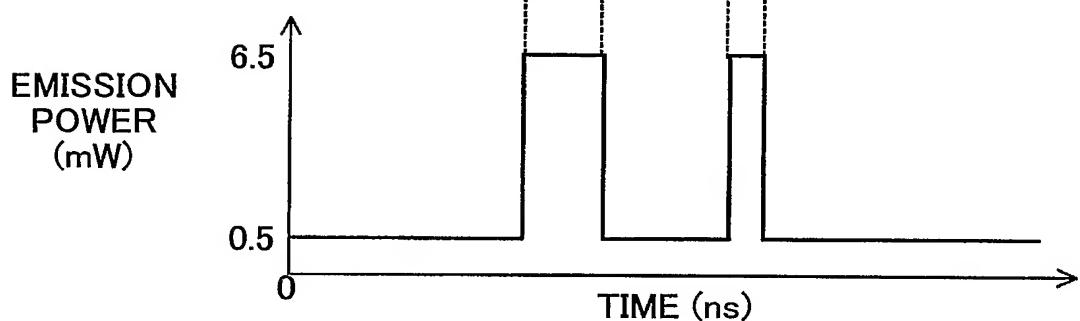
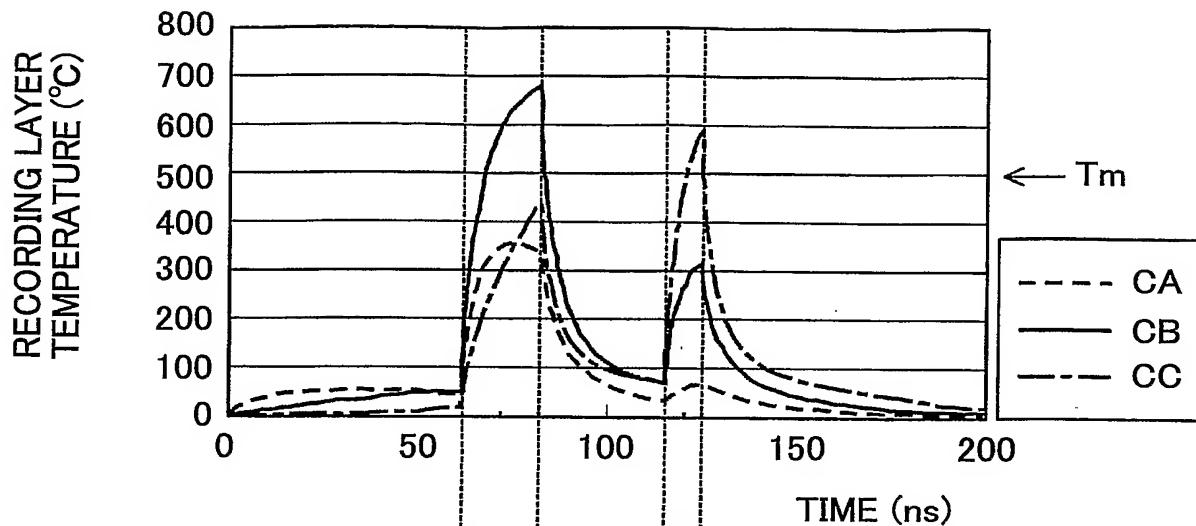


FIG.58A

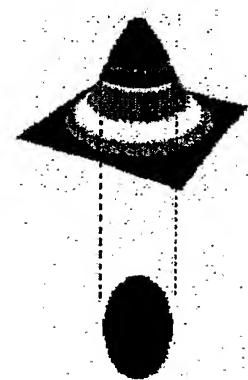
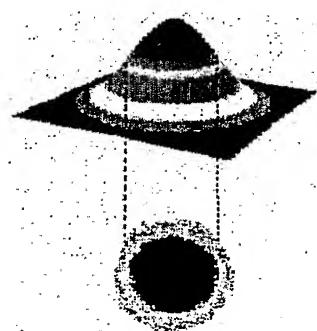
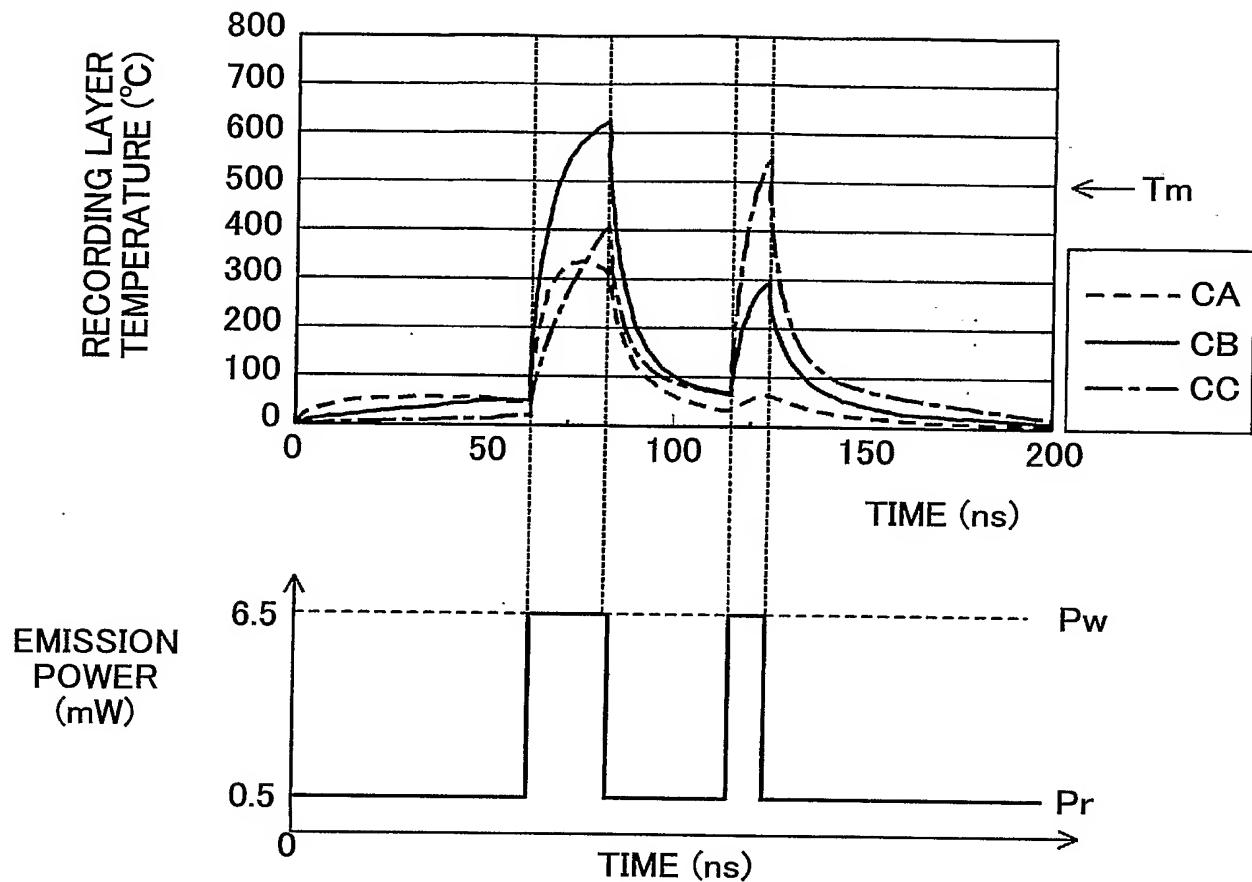


FIG.58B



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FIG.59



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FIG.60

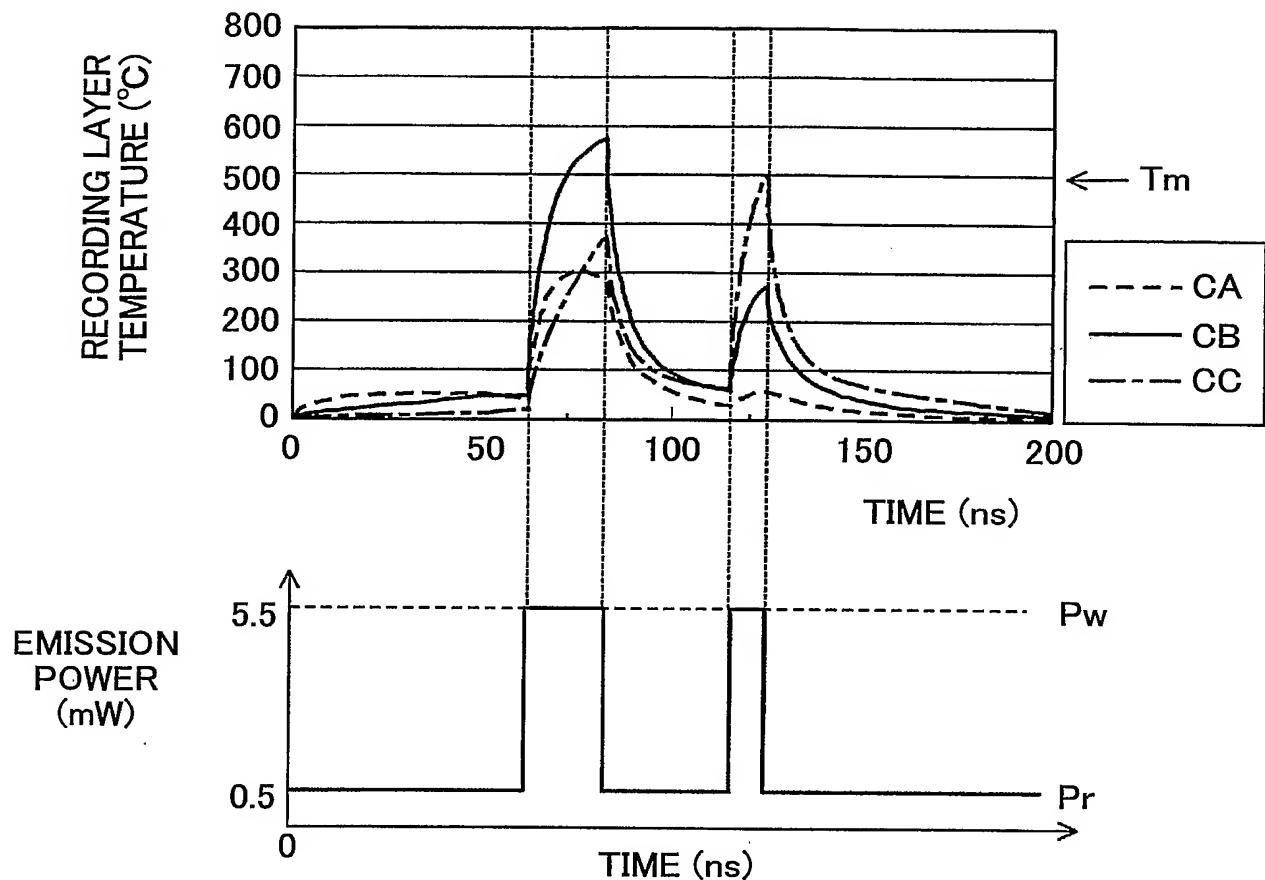
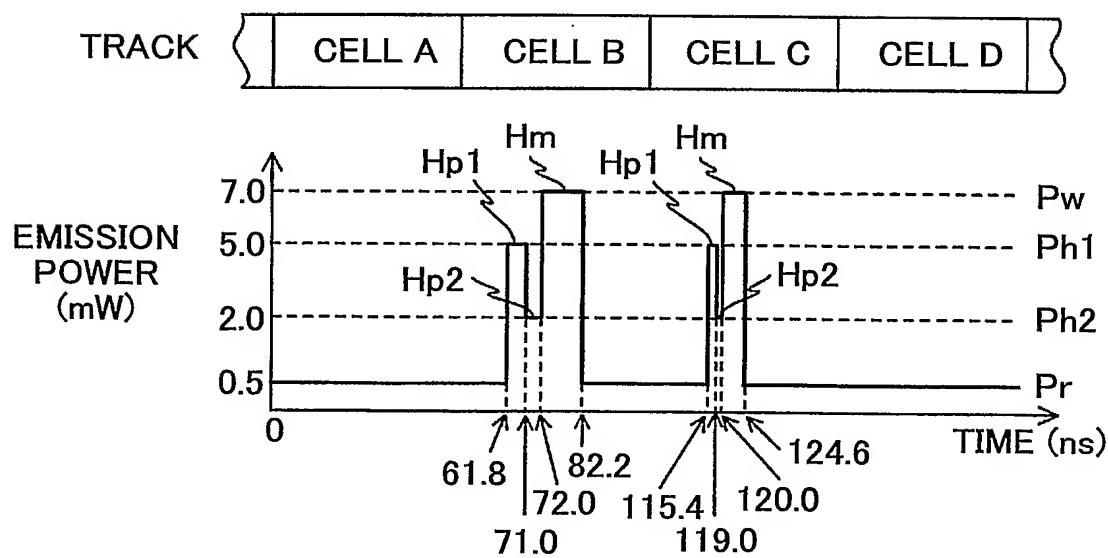


FIG.61



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FIG.62

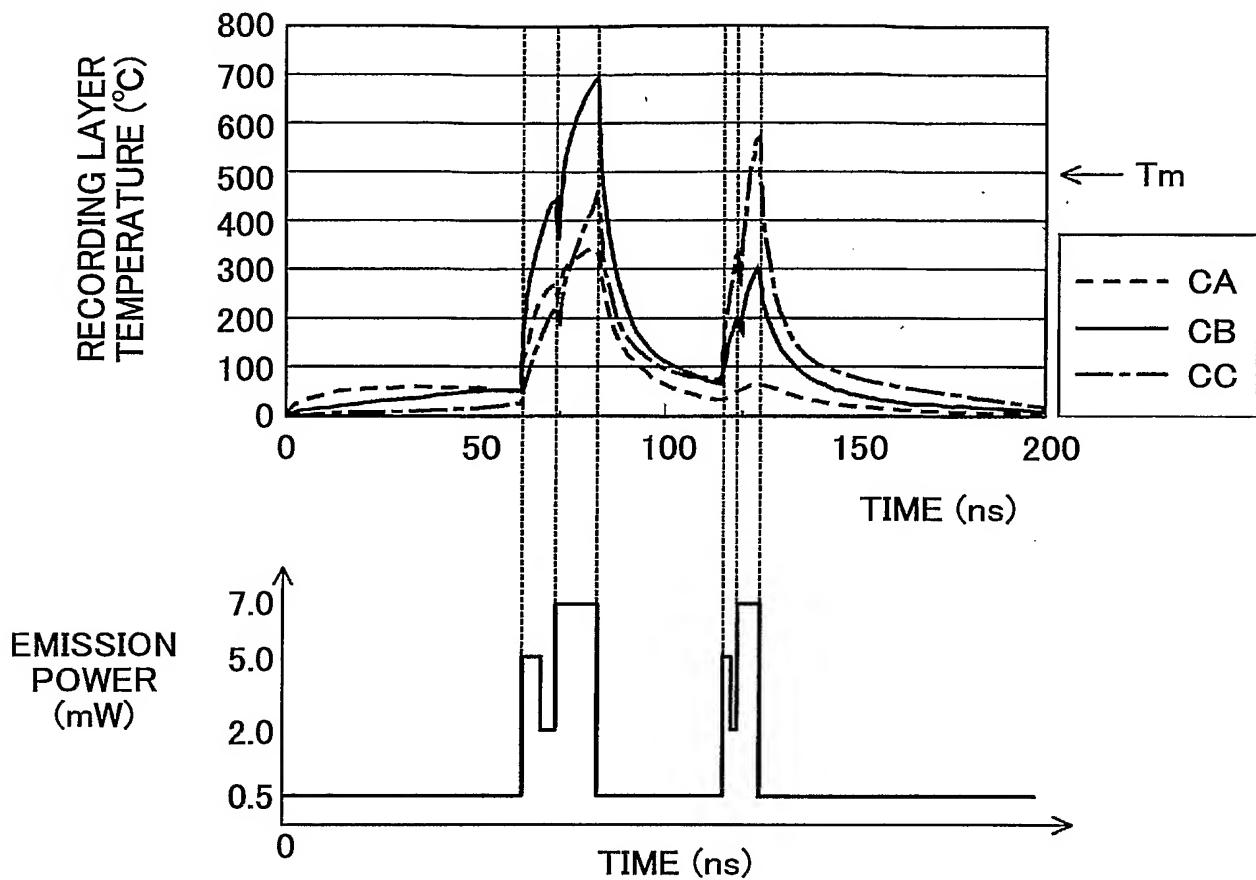
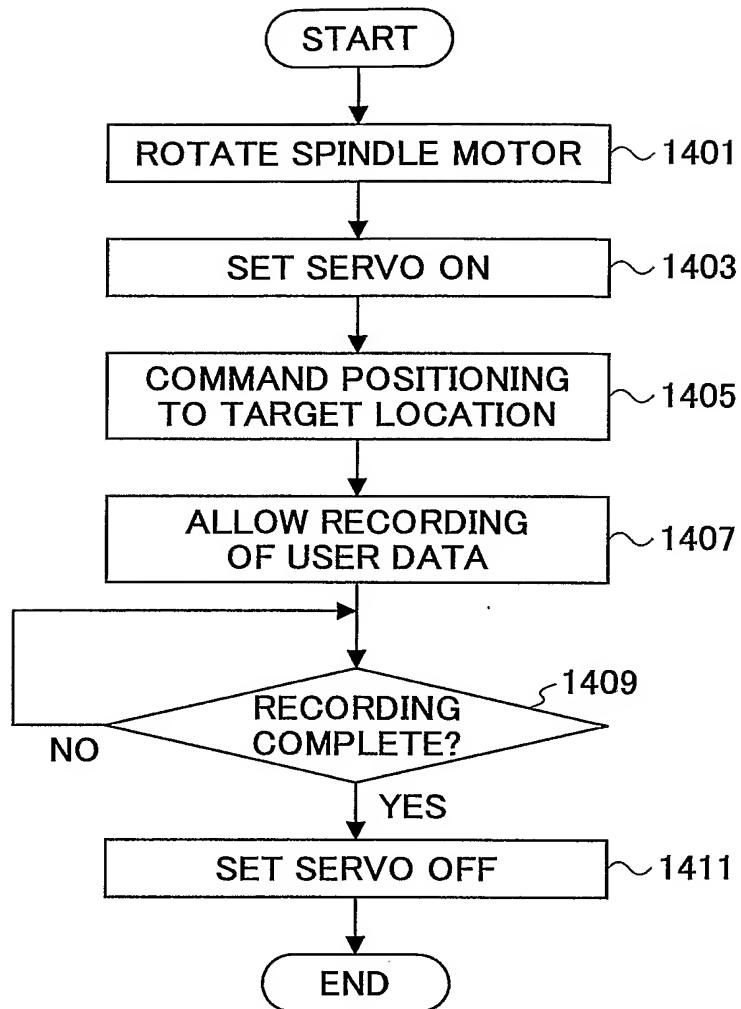


FIG.63



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FIG.64A  
FIG.64B

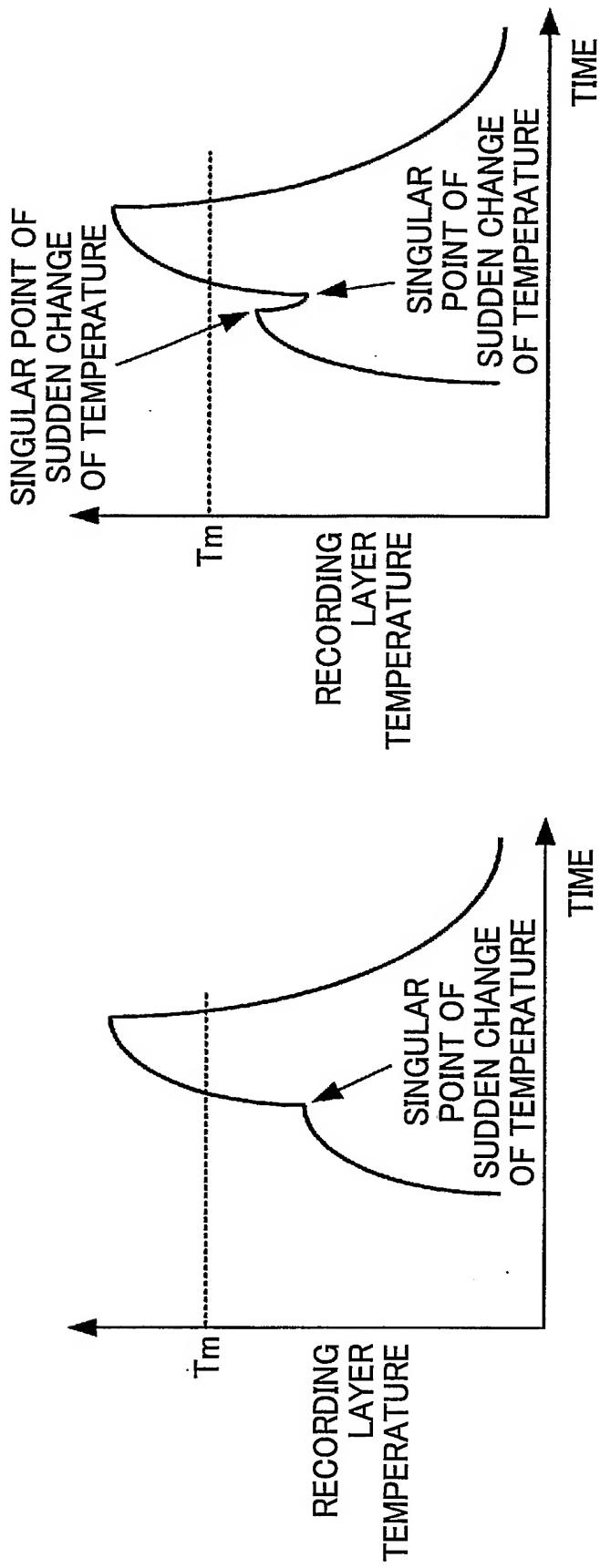
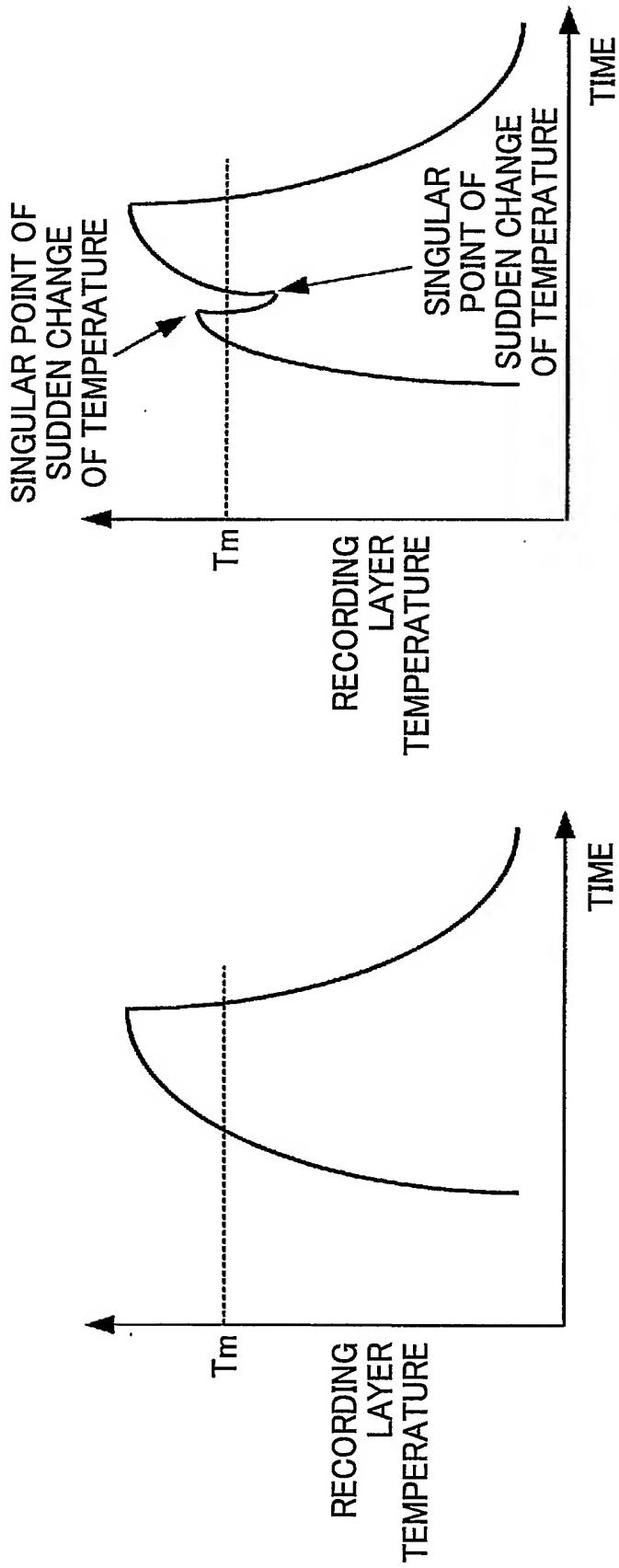


FIG.64C  
FIG.64D



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FIG.65

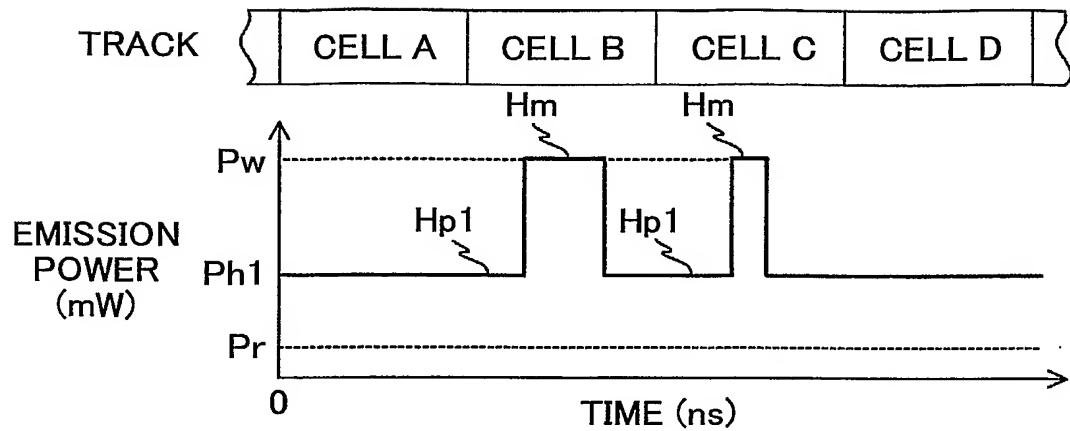
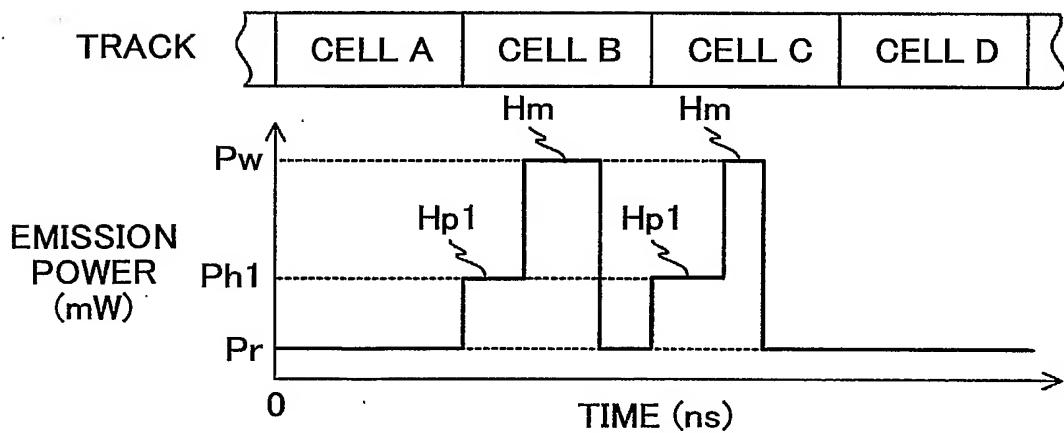


FIG.66



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FIG.67

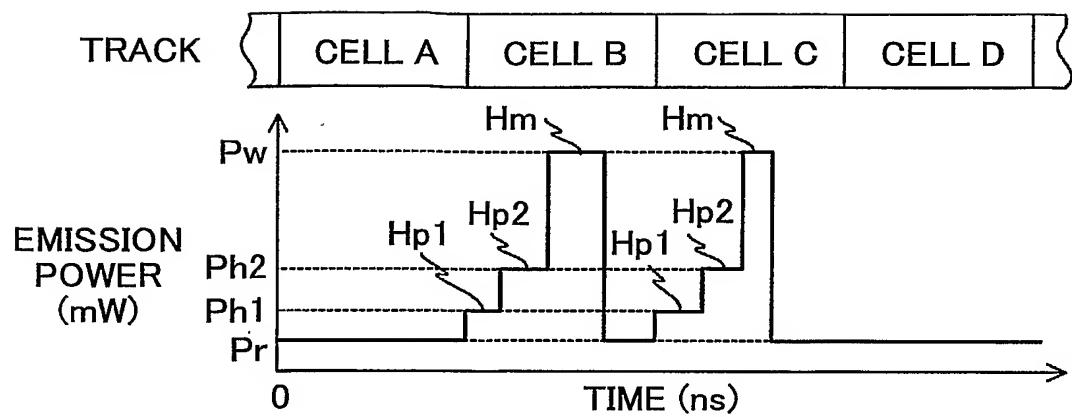
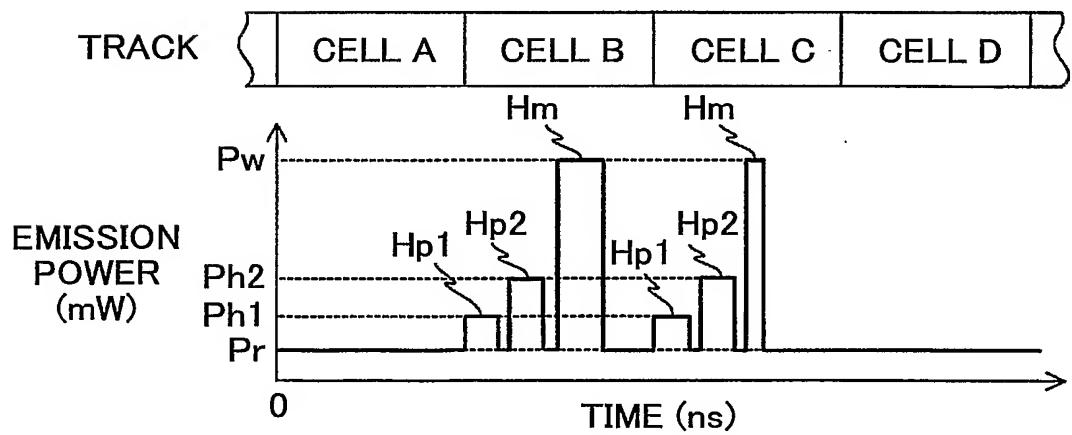


FIG.68



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FIG.69

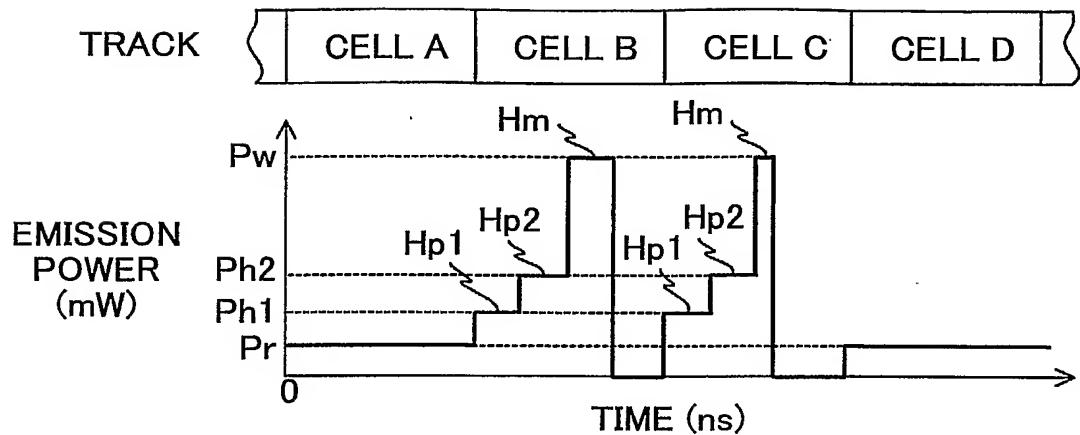
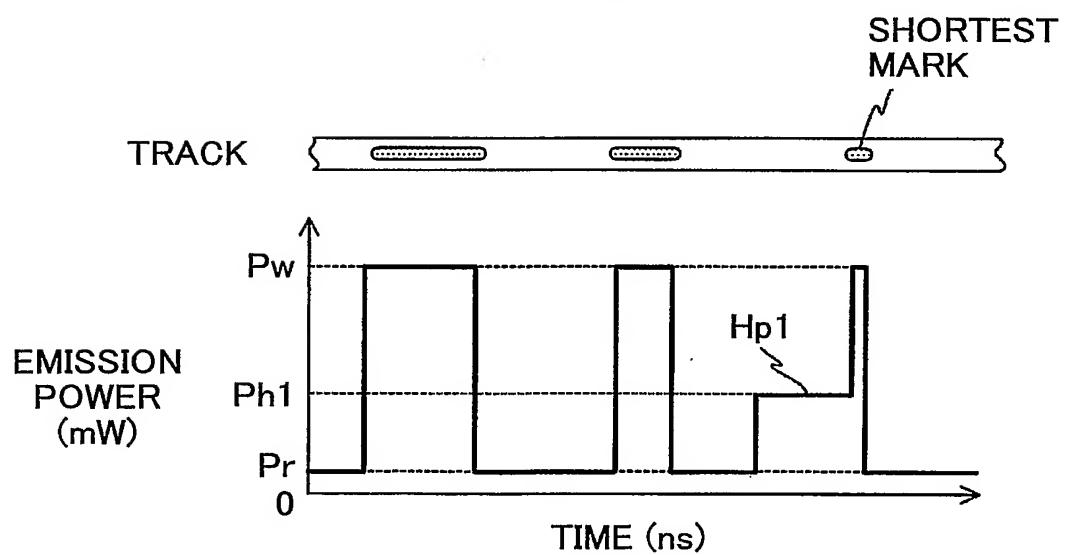


FIG.70



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FIG.71

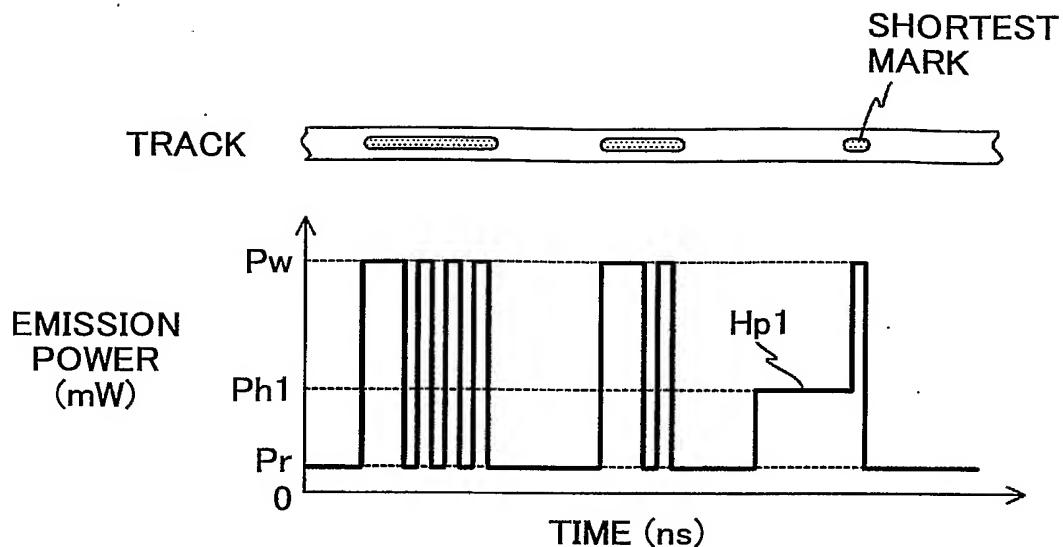


FIG.72

